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REPORT OF THE LIBRARIAN

OF THE

STATE LIBRARY,

FOR THE

YEAR ENDING SEPTEMBER 30, 1893,

AND

FOURTEENTH ANNUAL SUPPLEMENT

TO THE GENERAL CATALOGUE.

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BOSTON:  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1894.



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## COMMITTEE ON EDUCATION OF THE LEGISLATURE, 1893.

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MESSRS. STEPHEN SALISBURY, WORCESTER,	}	<i>Of the Senate.</i>
JOHN READ, CAMBRIDGE,		
EDWARD J. LEARY, BOSTON,		

MESSRS. ALFRED S. ROE, WORCESTER,	}	<i>Of the House.</i>
MICHAEL B. GILBRIDE, BOSTON,		
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## OFFICERS OF THE LIBRARY.

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Miss ELLEN M. SAWYER	.	.	.	PRINCIPAL ASSISTANT.
Miss MARIA C. SMITH	}	.		ASSISTANTS.
Miss JENNIE W. FOSTER				
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# Commonwealth of Massachusetts.

## LIBRARIAN'S REPORT.

*To the Honorable Legislature of Massachusetts.*

The Librarian of the State Library, in accordance with section 21 of chapter 5 of the Public Statutes, submits the following report for the year ending Sept. 30, 1893 : —

### ADDITIONS.

*Number of Volumes added to the Library from Oct. 1, 1892, to  
Sept. 30, 1893.*

By purchase . . . . .	1,259
domestic exchange . . . . .	446
foreign exchange . . . . .	84
donation . . . . .	937
officers of government . . . . .	123
	<hr/>
	2,849

### *Pamphlets.*

By purchase . . . . .	266
domestic exchange . . . . .	213
foreign exchange . . . . .	20
donation . . . . .	2,811
officers of government . . . . .	217
	<hr/>
	3,527

Maps . . . . .	30
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## FINANCIAL STATEMENT.

Dr.	COMMONWEALTH OF MASSACHUSETTS IN ACCOUNT WITH STATE LIBRARY.	Cr.
1892.	1893.	
Oct. 1 to		
Sept. 30,		
1893.		
Paid W. B. Clarke & Co. for books and periodicals . . . . .	\$1,581 02	Amount drawn from appropriations for 1892 . . . . .
Boston Book Co. . . . .	1,074 89	Regular appropriation for 1893 . . . . .
Carl Schoenhof . . . . .	649 89	Appropriation for contingent expenses . . . . .
Little, Brown & Co. . . . .	543 28	
George H. Walker & Co. . . . .	292 00	
George E. Littlefield . . . . .	261 40	
Theodore L. Cole . . . . .	166 25	
West Publishing Co. . . . .	125 00	
N. J. Bartlett & Co. . . . .	107 68	
F. H. Thomas Co. . . . .	86 00	
Carwell & Co. . . . .	84 28	
F. B. Sanborn . . . . .	30 00	
Joel P. Bishop . . . . .	29 40	
G. W. Bromley & Co. . . . .	25 00	
J. I. White & Co. . . . .	24 00	
W. A. Greenough & Co. . . . .	18 00	
Boston Advertiser . . . . .	12 00	
J. A. Lowell & Co. . . . .	10 00	
Springfield Republican . . . . .	8 00	
Newspapers and carrier . . . . .	21 00	
Sampson, Davenport & Co. . . . .	6 00	
A. M. Thayer & Co. . . . .	7 25	
Sundry other bills for books . . . . .	94 40	
J. P. Dale & Co., binding . . . . .	595 57	
J. L. Fairbanks & Co., stationery . . . . .	58 55	
Messenger and other expenses . . . . .	203 23	
Balance . . . . .	32 83	
	\$6,096 99	\$6,096 99

By the foregoing account, which embraces the library year from Oct. 1, 1892, to Sept. 20, 1893, inclusive, it will be seen that the receipts and expenditures may be aggregated as follows :—

## RECEIPTS.

Drawn from appropriations for 1892 . . . . .	\$96 99
Drawn from appropriations for 1893 . . . . .	5,967 17
	<hr/>
	\$6,064 16

## EXPENDITURES.

Books, periodicals, pamphlets and maps . . . . .	\$5,206 81
Binding . . . . .	595 57
Messenger and other expenses . . . . .	261 78
	<hr/>
	\$6,064 16

The amount expended for books, periodicals, pamphlets and maps each year, for the last ten years, has been as follows :—

1884 . . . . .	\$2,763 85
1885 . . . . .	4,259 01
1886 . . . . .	3,244 90
1887 . . . . .	4,553 71
1888 . . . . .	4,875 47
1889 . . . . .	4,949 45
1890 . . . . .	5,415 41
1891 . . . . .	4,991 23
1892 . . . . .	5,240 29
1893 . . . . .	5,206 81

## GROWTH OF THE LIBRARY.

The following table of comparisons will show at a glance the annual additions that have been made to the library during the past ten years, and the general classification of sources from which they were received :—

## BOOKS.

	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.
By purchase . . . . .	1,020	1,584	1,469	1,045	1,857	1,985	1,565	1,411	1,508	1,259
domestic exchange . . . . .	485	481	440	471	433	658	480	428	442	446
foreign exchange . . . . .	41	77	88	38	97	98	75	85	56	84
donation . . . . .	886	819	806	842	954	803	1,179	993	878	937
officers of government . . . . .	62	64	75	117	73	375	126	87	223	123
Totals . . . . .	2,494	3,025	2,878	2,513	3,414	3,269	3,425	3,004	3,107	2,849

## PAMPHLETS.

	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.
By purchase . . . . .	1,192	425	179	150	185	143	285	537	232	266
domestic exchange . . . . .	240	180	18	30	100	75	96	437	205	213
foreign exchange . . . . .	88	63	45	15	50	68	103	51	17	20
donation . . . . .	2,522	2,766	2,385	2,543	1,837	2,253	2,318	3,188	2,359	2,811
officers of government . . . . .	54	135	446	213	124	1,061	611	371	666	217
Totals . . . . .	4,096	3,569	3,073	2,951	2,296	3,600	3,413	4,584	3,479	3,527

As in previous years, the library has been indebted to many different persons for useful and valuable gifts, especially of pamphlets and books printed privately or in limited editions. The name of the donor will be found appended to each gift in the following catalogue of the additions made during the year.

It will be seen that the accessions from all sources, as represented in the catalogue, have covered a wide range of subjects, which, by liberal interpretation, properly come within the range of literature which a State library should contain.

The development of the library in the special lines of statute law, reports of judicial decisions, political, social and economic science, local history and genealogy, and the official publications of the general government and of the several States, has received constant and watchful care. No effort has been spared to make all portions of the collection readily available to any person engaged in special research.

#### CHANGE IN THE LAW.

The Legislature of 1893 passed a law the effect of which was to separate the library from any official relation to the Board of Education, and to make the State Librarian an appointee of the Governor and Council, to serve during their pleasure.

C. B. TILLINGHAST,  
*Librarian.*



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FOURTEENTH ANNUAL SUPPLEMENT

TO THE

GENERAL CATALOGUE,

INCLUDING THE

ADDITIONS FOR THE YEAR ENDING SEPT. 30, 1893.

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# ADDITIONS TO THE STATE LIBRARY

FOR THE

YEAR ENDING SEPTEMBER 30, 1893.

*Note.*—The figures in brackets at the end of the titles indicate the sources from which the books were received, thus, [1], received by purchase; [2], by exchange; [3], by donation (names of individual donors being added); [4], from officers of government.

**Abandoned farms.** *See Massachusetts. Board of Agriculture.*

**Abbe, Cleveland.** On the production of rain. *n.t.p.* [1892.] 8°. (13) p. [3]

**Abbot, Francis Ellingwood.** Professor Royce's libel. A public appeal for redress to the corporation and overseers of Harvard University. Bost., 1891. 8°. 48 p. [3]

**Abbott, Austin.** A digest of New York statutes and reports, Jan. 1, 1892-93, with tables of statutes, constitutional provisions, rules of court, and cases cited. N. Y., 1893. 1. 8°. [1]

— New cases selected chiefly from the decisions of the courts of the state of New York, [1891-93]. With an analytical index to points of law and practice in the standard reports of New York. Vol. 28-29. N. Y., 1892-93. 2 v. 8°. [1]

**Abbott, Evelyn, editor.** Heroes of the nations. N. Y., 1893. 2 v. 12°. Portraits, folded maps and illus. [1]

*Namely.*

**Morris, W. O.** Napoleon and the military supremacy of revolutionary France.  
**Sergeant, L.** John Wyellf.

**Aber, Mrs. Mary Alling.** Souls. *h.t.p.* [Chicago], 1893. 12°. 176 p. [3, *Author.*]

**Abington, Mass. Directory.** *See Foss, A. E., & Co.*

**Abstracts of title.** *See Warvelle, G. W.*

**Acheson, E. G.** Carborundum: its history, manufacture and uses. Phila., 1893. 8°. 29 p. [3]

**Acme Haversack, The,** of patriotism and song. Vol. 5, no. 6; v. 6, no. 2. Nov. 1891 with addition March 1892; May 1892. Syracuse, N. Y., 1891-92. 1. 8°. Illus. [3]

**Actinixæ.** *See United States. National Museum.*

**Adams, Charles Francis.** The centennial milestone. Address in commemoration of the 100th anniversary of the incorporation of Quincy, July 4, 1892. Camb., 1892. 8°. 59 p. Plates. [3, *Author.*]

— The Coddington school lands. The Mount Wollaston cemetery and alms-house farm. *n.t.p.* [Quincy, Mass., 1891.] (5) p. [3]

Cuttings from the Quincy Patriot, Sept. 19, 1891.

Adams, Charles Francis, *continued*.

- Columbus and the Spanish discovery of America. Camb., 1892. 8°. 23 p. [3, *Author*.]
- *Same*. [With remarks by G. E. Ellis, Gamaliel Bradford, and others.] Camb., 1892. 8°. 31 p. [1]
- Reform in city government. [Address before the Worcester Board of Trade, March 24, 1893. Springfield, 1893.] 8°. [3]

Cutting from the Springfield Republican, March 31, 1893.

- Speech at the hearing before the committee on taxation on House bill no. 664, [Boston, March 24, 1893]. *h.t.p.* [Bost., 1893.] 8°. 13 p. [3, *Author*.]
- Three episodes of Massachusetts history: The settlement of Boston Bay, The Antinomian controversy, A study of church and town government. Bost., 1892. 2 v. 12°. vi, (1), 532 p.; iv, 533-1067 p. Folded maps. [1]

Adams, Charles Kendall. Johnson's universal cyclopædia. New ed. Illus., maps [and] plans. Vol. 1. N. Y., 1893. 1. 8°. xxxv, (4), 880 p. [1]

*Contents.*

Vol. 1. A—Calculus.

— See University of Wisconsin.

Adams, Henry. See Housatonic, *pseud*.

Adams, Henry Carter, *editor*. Philanthropy and social progress. Seven essays before the School of Applied Ethics, Plymouth, Mass., 1892. N. Y., [1893]. 12°. xi, 268 p. [1]

Adams, Herbert Baxter. The life and writings of Jared Sparks, comprising selections from his journals and correspondence. Bost., 1893. 2 v. 8°. li, 572 p.; xviii, (1), 639 p. Portraits. [1]

Adams, John Quincy, *Pres. of the U. S.* See Lincoln, L.

Adams, Samuel. See Garfield, J. A., *Pres. of the U. S.*

Adams family. See Whittemore, H.

Adams Academy, Quincy, Mass. Catalogue, 1875-6. Bost., 1876. 12°. 33 p. [3]

Addison, Charles Greenstreet. A treatise on the law of torts; or, Wrongs and their remedies. 7th ed. By Horace Smith and A. P. P. Keep. Lond., 1893. 1. 8°. lxxxix, 893, (1) p. [1]

Adler, Felix. The moral instruction of children. N. Y., 1892. 12°. xiii, 270 p. (Harris, W. T., *ed.* International educ. ser., v. 21.)

Africa. See Bryden, H. A.; — Great Britain. *Parliament*; — Keltie, J. S.; — Letters from South Africa; — Sheldon, Mrs. M. F.; — United States. *Coast and Geodetic Survey*, — *National Museum*.

African colonization. See Latrobe, J. H. B.

Agassiz, (Jean) Louis (Rodolphe). See Holder, C. F.

Agricultural implements. See Breck, J., & Sons.

Agricultural laborers. See Great Britain. *Royal Commission on Labour*; — Kebbel, T. E.

Agricultural societies. See Massachusetts. *Board of Agriculture*.

Agriculture. See King, P. S., & Son; — United States. *Congress*, — *Department of Agriculture*, — and the names of various states and societies for their annual reports on agriculture.

Alabama. *Agricultural Experiment Station, Agricultural and Mechanical College, Auburn*. 4th-5th annual report, Jan. 1892-93. Montgomery, 1892-93. 8°. [3]

— Bulletin, no. 38-47. July 1892—July 1893. Montgomery, 1892-93. 8°. Plates. [3]

— *Canebrake Agricultural Experiment Station, Uniontown*. Bulletin, no. 15. July 1892. Montgomery, [1892]. 8°. [3]

— *General Assembly*. Acts, 1892-93. Montgomery, 1893. 8°. [2]

— *Geological Survey*. Bulletin, no. 4. Montgomery, 1892. 8°. Folded map and plate. [3]

*Contents.*

No. 4. Hayes, C. W. Report on the geology of north-eastern Alabama, and adjacent portions of Georgia and Tennessee.

**Alabama.** *Geological Survey, continued.*

- Report on the geological structure of Murphree's Valley, and its minerals and other materials of economic value. By A. M. Gibson. Montgomery, 1893. 8°. 132 p. [3]
- Governor. Message of T. G. Jones [to the General Assembly, Nov. 16, 1892]. *h.t.p.* [1892.] 8°. 37 p. [4]
- Supreme Court. Reports of cases, 1891. J. W. Shepherd, state reporter. Vol. 94. Montgomery, 1893. 8°. [2]
- Weather Service (subordinate to the United States Weather Bureau). Report, Sept. 1892—June 1893. [Monthly.] *n.t.p.* Auburn, 1892-93. [3]
- Weekly weather-crop bulletin of Alabama, issued in co-operation with the State Experiment Station, for the week ending April 18—June 27, July 11-18, July 31—Sept. 25, 1893. [No. 2-12, 14-15, 17-25. Auburn, 1893.] 8° and 16° Sheets. [3]

**Alabama State Bar Association.** Proceedings, 15th annual meeting, July 1892. Montgomery, 1892. 8°. [3]

**Alaska.** Governor. Report, 1892. Wash., 1892. 8°. [3]

- See Bolles, T. D.;— United States. Bureau of Education, — Census Office, — Commission of Fish and Fisheries, — Congress, — Treaties and Conventions; — Wiley, W. H. and S. K.

**Albany, N. Y.** Board of Public Instruction. 26th annual report, Aug. 31, 1892. Albany, 1893. 8°. [3]

**Albany Law Journal.** Vol. 46. July 1892—Jan. 1893. Albany, 1893. 1. 8°. [1]

**Albany Medical College (Medical Department of Union University).** Catalogue, 60th-62d session, 1890/91—1892/93, and announcement for session 1891/2—1893/94. Albany, 1891-93. 8°. [3]

**Albatross, steamer.** See United States. Commission of Fish and Fisheries.

**Albemarle Sound, N. C.** See United States. Commission of Fish and Fisheries.

**Albert Edward, Prince of Wales.** See Gannett, E. S.

**Alcott, Amos Bronson.** See Sanborn, F. B., and Harris, W. T.

**Alcuinus, Flaccus Albinus.** See West, A. F.

**Aldabra Island, near Madagascar.** See United States. National Museum.

**Aldrich, Nelson W.** The trap for New England. Unsoundness of the argument for free raw materials and insincerity of the Democratic offer. Bost., 1892. 8°. 15 p. Portrait. [3]

**Aldrich, Peleg Emory.** Hamilton Barclay Staples. Worcester, 1892. 8°. 9 p. [3, Author.]

- The pro-silver policy of the United States. Remarks in the Senate of the United States, June 13, 1890. Wash., 1890. 8°. 42 p. [3, Author.]

- Speech in the House of Representatives, May 17, 1867, on [equalizing] the bounties of our soldiers. Worcester, [1867]. 8°. 48 p. [3, Author.]

**Alexandrow, A.** Complete Russian-English dictionary. [Title-page in Russian. St. Petersburg], 1886. 8°. (4), 1034, 38, (4) p. [1]

**Alexandrow, F.** A new practical and easy method of learning the Russian language. After the system of Mathias Meissner. 6th improved ed. Lond., 1892. 12°. VIII, 127 p. [1]

**Alkalis.** See Great Britain. Chief Inspector of Alkali, &c., Works.

**Allahabad, India.** High Court. See India Law Reports. Allahabad series, v. 14.

**Allan, William.** The army of northern Virginia in 1862. With an introduction by J. C. Ropes. Bost., 1892. 8°. x, 537 p. Portrait and folded maps. [1]

**Allen, Charles.** Speech at Worcester, Nov. 5, 1853. *n.t.p.* [Worcester, 1853.] 1. 8°. 8 p. [3]

**Allen, Charles E.** Huguenot settlers in Dresden, Me. [Read before the Maine Historical Society, March 17, 1892.] *h.t.p.* [1892.] 8°. 31 p. [3, Author.]

- Allen, David O.** Bass River Canal. Closing argument in behalf of Martin P. Kennard and others, petitioners for incorporation, before the committee on harbors and public lands, 1893. Bost., 1893. 8°. 26 p. [4]
- Allen, Orrin Peer.** Abraham Doolittle, and some of his descendants. Reprinted from the Magazine of New England History. Newport, R. I., 1893. 8°. 38 p. Portraits. [3, *Author.*]
- The Lee family, relating especially to Samuel Lee of Watertown, Mass., and some of his descendants. Newport, R. I., 1893. 8°. 16 p. [3, *Author.*]
- Allston, Washington.** See Flagg, J. B.
- Allyn, Robert.** Universal education the duty of christians. An appeal to christians. East Greenwich, R. I., 1853. 8°. 32 p. [3]
- Almanach de Gotha, 1893.** 130e année. Gotha, [1892]. 24°. Portraits. [1]
- Almanack for the year 1893.** By Joseph Whitaker. Lond., [1892]. 12°. [1]
- Alphabet.** See Paul, G. H.
- Amalgamated Association of Iron and Steel Workers.** See Wright, C. D.
- Amazon River.** See Bates, H. W.
- America. Discovery.** See Adams, C. F.; — Colombo, C.; — Geographical Society of California; — Winsor, J.
- *Geography.* See Scalfe, W. B.
- America, Latin.** See United States. *Bureau of the American Republics.*
- America, North.** *Natural History.* See Newhall, C. S.
- America, South.** See Mitre, B.; — United States. *Hydrographic Office.*
- American Academy of Political and Social Science. Annals.** Vol. 3. July 1892—June 1893. Ed. by E. J. James. Phila., [1892-93]. 8°. [1]
- *Same.* Supplement to Annals. Jan.—March 1893. Phila., 1893. 8°. [1]
- Publications. No. 91. Phila., [189-]. 8°. (21) p. [3]
- Contents.*
- No. 91. **Wright, C. D.** The relation of economic conditions to the causes of crime.
- Report of the executive committee for the year 1892. *n.t.p.* [Phila., 1893.] 8°. (4) p. [3]
- American ancestry.** Vol. 8, 1893. Albany, N. Y., 1893. 1. 8°. 244 p. [1]
- American Anti-Vivisection Society.** 10th annual report, 1892. Phila., 1893. 8°. [3]
- American Association to Promote the Teaching of Speech to the Deaf.** [Prospectus and appeal for aid.] Wash., 1893. 8°. 8 p. [3]
- American Asylum at Hartford for the Education and Instruction of the Deaf and Dumb.** 2d biennial report, 76th-77th annual reports, May 6, 1893. Hartford, 1893. 8°. [3]
- A brief history of the Asylum. Hartford, 1893. 8°. 30 p. Portraits and illus. [3]
- American Bankers' Association.** Education of business men. 3. A plea for the establishment of commercial high schools: an address, San Francisco, Sept. 7, 1892, by E. J. James. N. Y., 1893. 8°. 17 p. [3]
- Proceedings of the convention, Saratoga Springs, N. Y., Sept. 3-5, 1890, with the constitution, by-laws, etc. N. Y., 1890. 8°. [4]
- American Bar Association.** Report, 15th annual meeting, Aug. 1892. Phila., 1892. 8°. [3]
- Report of the committee on legal education, Aug. 26, 1891. *h.t.p.* [1891.] 8°. 62 p. Folded sheets. [4]
- Report on legal education. Wash., 1893. 8°. 207 p. [3]
- Advance sheets from the Report of the Commissioner of Education, 1890-91.
- American Board of Commissioners for Foreign Missions.** 82d annual report, Chicago, Ill., Oct. 1892. [Bost., 1892.] 8°. [3]
- American Bookseller.** Vol. 30, new series. July-Dec. 1891. N. Y., 1891. 1. 8°. [3]
- American Catholic Historical Society, Philadelphia, Pa.** 4th quarterly bulletin. Stated quarterly meeting, Dec. 8, 1892. [Phila., 1892.] 8°. [3]

- American College and Public School Directory.** Vol. 16. 1893. [St. Louis, 1893.] 8°. [3]
- American Colonization Society.** Report at an adjourned meeting of the friends of the Society, Dec. 8, 1830, with the proceedings of the meeting, *etc.* Worcester, 1831. 8° 20 p. [3]
- *See Massachusetts Colonization Society.*
- American Congregational Association.** 39th-40th annual report, May 1892—June 1893. Bost., 1892-93. 8°. [3]
- American Corporation Legal Manual.** Also a synopsis of the patent, trade-mark and copyright laws of the world. Vol. 1. Jan. 1893. Ed. by C. L. Borgmeyer. Plainfield, N. J., [1893]. 8°. 717 p. [3]
- American Digest, The.** Annual, 1892; being v. 6 of the United States digest, 3d series annualse, also the Complete digest for 1892. St. Paul, 1892. 1. 8°. (National Reporter System Digests. Annual ser., v. 6.) [1]
- American Economic Association.** Publications. Vol. 6-7. [Balt.], 1891-92. 2 v. 8°. [1]

*Contents.*

- Vol. 6. Nos. 1-2. Report of the proceedings, 4th annual meeting, Washington, D. C., Dec. 26-30, 1890. 3. **Pinehot, G.** Government forestry abroad. — **Bowers, E. A.** The present condition of the forests on the public lands. — **Fernow, B. E.** Practicability of an American forest administration. 4-5. **Hemis, E. W.** Municipal ownership of gas in the United States. 6. **Clark, F. C.** State railroad commissions, and how they may be made effective.
7. No. 1. **Tammesig, F. W.** The silver situation of the United States. 2-3. **Seligman, E. K. A.** On the shifting and incidence of taxation. 4-6. **Ross, E. A.** Sinking funds. 6. **Haymes, F. E.** The reciprocity treaty with Canada of 1894.

- American Folk-Lore Society.** [Announcement of 4th-5th] annual meeting, [Dec.] 1892—Sept. 1893. *n.t.p.* [1892-93.] 8°. [3]
- *Memoirs.* Publication fund. [An address of the committee on publication in regard to obtaining means for carrying on the necessary work of the Society.] *n.t.p.* [Bost., 1893.] 8°. (4) p. [3]
- American Geographical Society of New York.** Journal, 1892. Vol. 24. N. Y., [1892]. 8°. Folded map. [3]
- American Historical Association.** Annual report, 1891. Wash., 1892. 8°. [4]
- [List of members, constitution, *etc.*] *n.t.p.* [188-]. 24°. 31 p. [3]
- *Same.* Nov. 1, 1890. *n.t.p.* [1890.] 24°. 56 p. [3]
- [List of officers and programme of 5th annual meeting, Dec 26-28, 1888.] *n.t.p.* 8°. (4) p. [3]
- American history series.** With maps. N. Y., 1893. 12°. xxii, 469 p. [1]

*Contents.*

**Sleame, W. M.** The French war and the Revolution.

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- - Return showing the average retail price per pound avoirdupois of various articles of domestic consumption in some of the principal cities of Europe in 1893. Lond., [1893]. f°. (4) p. [1]
- - Rule of the road at sea. Further reports of the committee to consider the alterations in the regulations for preventing collisions at sea, recommended at the Washington International Maritime Conference, with correspondence thereupon. Lond., 1892. f°. 24 p. [1]
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- - *Same.* Miscellaneous series, [1892]. No. 216-270. Reports on subjects of general and commercial interest. Lond., 1892. 8°. [1]
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- *House of Lords.* See Macpherson, W. C.
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- - Indian currency. Correspondence between the government of India and the Secretary of State. Lond., 1893. f°. 15 p. [1]
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- *Inspectors of Explosives*. 17th annual report, 1892. Lond., 1893. f°. [1]
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- - Egypt. No. 3, 1892. Report on the administration, finances, and condition of Egypt, and the progress of reforms. Lond., [1892]. f°. 38, (1) p. [1]
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- - General index to the journals of the House of Lords, 1854-63. [Vol. 86-95.] Lond., 1892. f°. [1]
- - Government of Ireland bill, 1893, constituencies. Return showing the population, total rateable value, number of ratings valued over 20l., etc., 7th March 1893. Lond., [1893]. f°. 3, (1) p. [1]
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- - 3d report from the select committee of the House of Lords on metropolitan hospitals, &c., with proceedings, minutes of evidence and appendix. Lond., [1892]. f°. cx, cviii, 89 p. [1]

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-- Answers to the schedules of questions issued by the Commission. Group "A." Mining, iron, engineering, etc. June 1892. Lond., 1892. f°. xxiii, 450 p. [1]

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-- Same. Commission sitting as a whole. Representatives of co-operative societies and of various movements, and public officials; with indexes. Lond., 1893. f°. 70 p. [1]

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— - Same. Group "B." Transport and agriculture. April 1892—Feb. 1893. Lond., 1892-93. 3 v. f°. Folded charts. [1]

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Vol. 1. Docks, wharves, shipping.

2. Transport by water and by land.

3. Transport by water, docks, wharves, shipping and canals, and transport by land, tramways, omnibuses, cabs, and railways.

— - Same. Group "C." Textile, clothing, chemical, building, and miscellaneous trades. Vol. 1-2. April-June 1892. Lond., 1892-93. 2 v. f°. vii, 509 p.; vii, 475 p. Folded map. [1]

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**Great Britain, continued.**

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- *Commerce.* See Cunningham, W.
- *Constitution.* See Dicey, A. V.
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- *History.* See Green, J. R.; — Lecky, W. E. H.
- *Navy.* See Brassey, T., *Baron Brassey and others*; — *Great Britain. Admiralty.*
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- *Politics.* See Brett, R. B.
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- Greece. History.** See Fowler, W. W.
- *Language.* See Thompson, E. M.
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 49. **Morgan, M. H.** A bibliography of Peralus.

- **Catalogue.** First supplement. Camb., 1834. 8°. 260 p. [3]
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- — Address [of George Sullivan and others], members of the House of Representatives, to their respective constituents. *n.t.p.* [Bost., 1812.] 8°. 32 p. [1]
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- — [Call for a Republican Senatorial Caucus, Jan. 2, 1893.] *n.t.p.* [Bost., 1893.] Broadside. [4]
- — Documents printed by order of the House of Representatives, 1892. Bost., 1892. 4 v. 8°. [4]
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- — Fox bill. [An act to incorporate the Boston, Cape Cod and New York Canal Company, 1892.] *n.t.p.* [1892.] 8°. 14 p. [4]
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- — List of committees of the Legislature, 1893. Bost., 1893. 24°. [4]
- — Manual for the use of the General Court, [1893]. Bost., 1893. 16°. [4]
- — Massachusetts District Police. Department of inspection of factories and public buildings. Extracts from the Public statutes of Massachusetts; with all succeeding acts regulating the hours of labor, the employment of children, and providing for the inspection of factories and public buildings. Bost., 1891. 16°. 61 p. [4]

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- - Memorial address upon James G. Blaine, before the House of Representatives, Feb. 23, 1893, by W. E. Barrett. Bost., 1893. 8°. 31 p. [4]
- - [Proceedings of the joint legislative committee on the employment and schooling of children, Dec. 5-6, 1887.] *n.t.p.* 4°. vi, 474-550 p. [4]

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- - Report of committee to investigate charges against certain gas companies under an order adopted by the House, March 28, 1893; with evidence taken at the hearings. *A.t.p.* [Bost., 1893.] 8°. 577, (6), clix p. [4]
- - Report of hearings before the joint standing committee on railroads under the order to investigate the conduct of the New York, New Haven and Hartford Railroad Company. *A.t.p.* [Bost., 1893.] 8°. 758 p. [4]
- - Reports of proceedings, 1888, 90-91. See *Boston Journal*.
- - Report of the committee of the Senate on the subject of the votes for Governor for the year 1806, and the protest of the nineteen members of the Senate who were opposed to the acceptance of the same, June 5, 1806. Augusta, [1806]. Broadside. [3]
- - Report of the joint special committee to consider the expediency of revising the judicial system of the Commonwealth. Jan. 1893. *A.t.p.* [Bost., 1893.] 8°. 81 p. (Sen. doc. no. 31, 1893.) [4]
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- - Proclamation [appointing] April 29, [1893], as Arbor Day. [Bost., 1893.] f°. [4]
- - Proclamation for a day of fasting, humiliation, and prayer, 6th April, 1893. [Bost., 1893.] Broadside. [4]
- - Proclamation for a day of public thanksgiving and praise, [24th Nov. 1892. Bost., 1892.] Broadside. [4]
- - See *Massachusetts. General Court*; — *Public opinion, etc.*
- - *Harbor and Land Commissioners*. Annual report, 1892. Bost., 1893. 8°. [4]
- - *Hospital for Dipsoniacs and Inebriates*. Report of the trustees, March, 1893. Bost., 1893. 8°. [3]
- - *Insurance Commissioner*. 38th annual report, Jan. 1893. Bost., 1893. 1 v. in 2 pt. 8°. [4]
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- - 11th Regiment. See *Hutchinson, G. B.*
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- - *Northampton Lunatic Hospital*. 37th annual report, Sept. 30, 1892. Bost., 1893 [1892]. 8°. [4]
- - *Provincial Congress*. [Extract from the Minutes of the Congress, Oct. 26, 1774, relative to what is necessary to be done for the defence and safety of the province.] Facsimile of broadside in the Public Library, Boston. Issued with Bulletin, Oct. 1892. *n.t.p.* [Bost., 1892.] Broadside. [3]

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- *Secretary of State.* Abstracts of the certificates of corporations organized under the general laws of Massachusetts, with the annual returns during the year 1892. Bost., 1893. 8°. [4]
- Aggregates of polls, property, taxes, etc., as assessed May 1, 1892. Bost., 1893. 8°. [4]
- 1st annual report, 1892. Bost., 1893. 8°. 12 p. [4]
- Number of assessed polls, registered voters and persons who voted in each voting precinct at the state, city, and town elections, etc., 1892. Bost., 1893. 8°. [4]
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- *State Almshouse at Tewksbury.* 39th annual report of the trustees, Sept. 30, 1892. Bost., 1893 [1892]. 8°. [4]
- *State Board of Arbitration.* Annual report, 1892. Bost., 1893. 8°. [4]
- *State Board of Health.* 23d annual report, [Sept. 30, 1891]. Bost., 1892. 8°. Folded maps, diagrams, etc. [4]
- Examination of spring waters offered for sale in Massachusetts. *n.t.p.* [1891.] 8°. (19) p. [4]
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- *State Lunatic Hospital at Danvers.* See Sanborn, F. B.
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- *State Normal School at Framingham.* Catalogue and circular, 1892-93. Bost., 1893. 8°. [3]
- *State Normal School at Salem.* Register and circular, 1892-93. Bost., 1893. 8°. [4]
- *State Normal School at Worcester.* Catalogue and circular, 19th year, 1893. Bost., 1893. 8°. Illus. [3]
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- *Supreme Judicial Court.* Massachusetts reports. [Vol.] 155. Cases argued and determined, Nov. 1891—Feb. 1892. William V. Kellen, reporter. Bost., 1893. 8°. [4]
- - Same. [Vol.] 156-157. Feb. 1892—Jan. 1893. G. F. Tucker, reporter. Bost., 1893. 2 v. 8°. [4]
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- *See General address, etc.;—Hazen, H. A.;—Hurd, D. H., & Co.;—Portsmouth, N. H. Celebration of the Centennial Anniversary of the Introduction of the Art of Printing into New Hampshire.*
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 — Memorial of graduation exercises, 1878, and alumni meeting; with address by A. J. Bartholomew, and poem by Clark Jillson. Webster, 1878. 8°. 32 p. [3]  
**Niles, William Woodruff.** God's House. Sermon before the Massachusetts Free Church Association on their 1st anniversary, Boston, Nov. 5, 1882. Bost., [1882]. 8°. 15 p. [1]  
**Nineteenth Century.** Vol. 32. July-Dec. 1892. Lond., 1892. 1. 8°. [1]  
**Noble, John.** Free trade, reciprocity and the revivers. Inquiry into the effects of the free trade policy upon trade manufactures and employment. Lond., 1869. 8°. 39 p. [2]  
**Non-intercourse.** See Emott, J.  
**Nordhoff, Charles.** America for free working-men: how slavery injures the free working man. N. Y., 1865. 8°. 39 p. [2]  
**Norfolk and Western Railroad Company.** Reference book. [N. Y., 18—.] 12°. 94 p. Folded map and illus. [3]  
**Norfolk County, Mass.** Statement of the receipts and expenditures of the county, Dec. 31, 1892. Dedham, 1893. 8°. [3]  
 — See Huntoon, D. T. V.  
**North & Co.** Souvenir of Unadilla, N. Y. [Albany, 1891.] obl. 24°. (24) p. Illus. [3]  
**North Adams Transcript.** [Weekly.] 1892. North Adams, 1892. f°. [3, *Rev. Lucius R. Paige, Cambridge.*]  
**North American Review.** Vol. 155. [July-Dec. 1892.] N. Y., 1892. 8°. [1]  
**North Brookfield, Mass.** *Free Public Library.* Catalogue, no. 2, March, 1881. [North Brookfield], 1881. 8°. 55, (2) p. [3]  
**North Carolina.** *Agricultural Experiment Station, Raleigh.* Bulletin, no. 74 b; 86 c, d; 87 a, b, c, e, f; 88 a, d; 89 b; 90 d; 91 a, c. Bulletin, no. 16, 32-44. Meteorological summary, Jan. 1891, May 1892—May 1893. [Raleigh, 1891-93.] 8°. Folded maps. [3]  
 Bulletin no. 16 is of the Meteorological Division; called State Weather Service Division after no. 31, April, 1897.  
 — - Bulletin, no. 87 d. Technical bulletin, no. 4. Nov. 26, 1892. [Raleigh, 1892.] 8°. [3]

**North Carolina. *Agricultural Experiment Station, Raleigh, continued.***

- *Climatology of North Carolina, from records of 1820-92, including the 5th annual report of the North Carolina State Weather Service, etc., for 1891.* Raleigh, 1892. 8°. 184 p. Maps. [3]
- *Meteorological Division.* 6th annual report, 1892. Raleigh, 1893. 8°. [3]
- *General Assembly.* Public laws and resolutions, 1893. Raleigh, 1893. 8°. [2]
- *Governor.* Biennial message of T. M. Holt to the General Assembly, session of 1893. Raleigh, 1893. 8°. 68 p. [4]
- *Inaugural address of Elias Carr, delivered in Raleigh, Jan. 18, 1893.* Raleigh, 1893. 8°. 13 p. [4]
- *State Hospital, Morganton.* Report, Dec. 1890—Nov. 1892. Raleigh, 1893. 8°. [3]
- *State Library.* Biennial report, 1891-92. Raleigh, 1893. 8°. [2]
- *State Weather Service (subordinate to United States Weather Bureau).* 25th-26th weekly weather crop bulletin for the week ending Sept. 26—Oct. 3, 1892. Raleigh, 1892. f° sheets. [3]
- *Same.* 1st-26th, April 3—Sept. 26, 1893. Raleigh, 1893. f° sheet. [3]
- *Superintendent of Public Instruction.* Biennial report, 1891-92. Raleigh, 1893 [1892]. 8°. [2]
- *Supreme Court.* North Carolina reports. Vol. 110-111. Cases in the Supreme Court, Feb.—Sept. 1892. By T. F. Davidson. Vol. 19-20. Raleigh, 1892-93. 2 v. 8°. [2]
- *See Womack, T. B.* North Carolina digest, 1866-91.

**North Clear Creek Gold and Silver Mining Company.** [Description, with letters, statements, etc.] n.p., [186-]. 8°. 17 p. [2]**North Dakota. *Agricultural College.* 1st annual catalogue, May 1892.** Fargo, [1892]. 8°. 52 p. [3]

- *Agricultural Experiment Station, Fargo.* 1st-2d annual report, Feb. 1891—Jan. 1892. Fargo, 1891-92. 8°. [3]
- *Bulletin, no. 1-9.* Jan. 1891—March 1893. Fargo, 1891-93. 8°. [3]
- *Commissioner of Agriculture and Labor.* 2d biennial report, Oct. 31, 1892. Bismarck, 1892. 8°. [3]
- *Department of Public Instruction.* Arbor Day circular, [1893]. n.p., [Grand Forks, 1893]. 8°. 15 p. [3]
- *Pamphlet no. 1.* E. Institute manual and note book, 1893. Bismarck, 1893. 8°. 18 p. [3]
- *Governor.* Inaugural address of A. H. Burke before the 2d Legislative Assembly, Jan. 7, 1891. Bismarck, 1891. 8°. 16 p. [4]
- *Inaugural address of E. C. D. Shortridge before the 3d Legislative Assembly, Jan. 3, 1893.* Bismarck, 1893. 8°. 8 p. [4]
- *Legislative Assembly.* Journal of the House [of Representatives], 3d Legislative Assembly, 1893. Bismarck, 1893. 8°. [2]
- *Journal of the Senate, 3d Legislative Assembly, 1893.* Bismarck, 1893. 8°. [2]
- *Laws, 3d session, 1893.* Bismarck, 1893. 8°. [2]
- *Officers and Institutions.* Public documents for the fiscal period ending Oct. 31, 1892. Bismarck, 1892. 2 v. 8°. Diagram and folded sheets. [4]
- *State Library.* Report of the librarian, containing a catalogue of the volumes comprising the library, 1892. Bismarck, 1892. 8°. 26 p. [3]
- *Supreme Court.* Reports of cases, Jan. 1891—May 1892. R. D. Hoskins, reporter. Vol. 2. Bismarck, 1892. 8°. [2]
- *See United States. Weather Bureau.*

**North Reading, Mass.** Receipts and expenditures, 1854-55—55-56, and report of the superintending school committee. Bost., 1855-56. 8°. [3]

- *Report [of] the committee "to make a final settlement with the town of Reading," March 1, 1854.* n.t.p. [North Reading, 1854.] 12°. 4 p. [3]

**North Sea. *See Great Britain. Parliament.***

- North-Western Provinces, India.** The N. W. Provinces and Oudh code. 3d ed. 1892. *See India. Legislative Department.*
- Northampton, Mass. Clarke Institution for Deaf Mutes.** Addresses at the 25th anniversary of the opening of the Institution, Northampton, Oct. 12, 1892. Northampton, 1893. 8°. 64 p. Illus. [3]
- 25th annual report, Aug. 31, 1892. Northampton, 1892. 8°. [4]
- Northampton and Easthampton Directory, 1891-92.** [Vol. 10.] The Price & Lee Co., compilers and publishers. Northampton, 1891. 8°. viii, 396 p. Folded map. [1]
- Northeastern Reporter.** Vol. 31-33. June 10, 1892—June 2, 1893. St. Paul, 1892-93. 3 v. 8°. [1]
- Northern Railroad Company.** 15th, 17th, 21st, 32d annual report of the directors, May 1860, 62, 66, 77. Bost., 1860-66; Concord, 1877. 8°. [3]
- Report of the engineer on the route surveyed between Concord, Franklin and the Connecticut River at Lebanon, N. H., 1844. Manchester, [N. H.], 1844. 8°. 16 p. Folded map. [2]
- Northern Railroad in New York.** The Northern Railroad in New York, with remarks on the Western trade. Bost., 1847. 8°. 31 p. [2]
- Northrop, Birdsey Grant.** The legal preventive of illiteracy. Reprinted, with additions, from the report of the Connecticut Board of Education, 1875. N. Y., 1878. 12°. 28 p. [4]
- Northwest.** *See* Roosevelt, T.
- Northwestern Reporter.** Vol. 52-54. May 28, 1892—May 20, 1893. St. Paul, 1892-93. 3 v. 1. 8°. [1]
- *See* National reporter system digests. Northwestern series, v. 1-2.
- Norton, Andrews.** *See* Ripley, G.
- Norway, Me. Village Corporation Fire Department.** Rules and regulations, July 14, 1851. Norway, 1852. 24°. 18 p. [1]
- Norwich and Worcester Railroad Company.** Statement of facts, June, 1841. N. Y., 1841. 8°. 17 p. [2]
- Nott, Charles C., and Hopkins, Archibald.** Cases decided in the Court of Claims, 1891-92, with abstracts of decisions of the Supreme Court in appealed cases, Oct. 1891—May 1892. Vol. 26. Wash., 1893. 8°. [1]
- Nott, Eliphalet.** Address to candidates for the baccalaureate in Union College at the anniversary commencement, 30 July, 1806. Camb., 1806. 8°. 16 p. [1]
- Nott, Samuel.** Memorial of Rev. Samuel Nott. [Hartford, 1869.] sm. 4°. 31 p. Portrait. [1]
- Slavery and the remedy; or, Principles and suggestions for a remedial code. 6th ed.; with a reply and appeal to European advisers. Bost., 1869. 8°. xliii, 6, 4 p. [2]
- Nova Scotia. Commissioner of Crown Lands.** Annual report, 1892. Halifax, 1893. 8°. [3]
- *Commissioner of Public Works and Mines.* Financial returns of expenditure and revenue, 1892. Halifax, 1893. 8°. [3]
- Report on public charities, 1892. *h.t.p.* [Halifax, 1893.] 8°. [3]
- *Hospital for the Insane, Halifax.* 35th annual report, 1892. Halifax, [1892]. 8°. [3]
- *Library Commissioners and Librarian.* Annual report, 1892. Halifax, 1893. 8°. [3]
- *Superintendent of Education.* Annual report on the public schools for the year ending 31st Oct. 1892. Halifax, 1893. 8°. [2]
- *Supreme Court.* Nova Scotia reports. Vol. 23. [1890-91.] Reported by Benjamin Russell and J. M. Geldert, Jr. Toronto, 1893. 8°. [1]
- *See* Fielding, W. S.;—United States. *Hydrographic Office.*
- Noyes, Daniel Temple.** *See* Dorchester, Mass. *Village Church.*
- Noyes, George F.** Address before the committee of the Senate on the subject of wharves and piers. N. Y., 1866. 8°. 19 p. [2]

- Noyes, George Rapall. The Gospel exhibited. A discourse before the Second Congregational Society in Brookfield, Nov. 7, 1831. Brookfield, 1831. 12°. 35 p. [1]
- Nuisances. See Wood, H. G.
- Nullification. See Loring, C. W.
- Nutshell, The. The system of American slavery "tested by Scripture." [Anon.] N. Y., 1862. 12°. 72 p. [2]
- Nutting, William. See Green, S. A.
- Nyassaland, Africa. See Great Britain. *Parliament*.

- Oates, William C. The Torrey bankruptcy bill. Speech in the House of Representatives, Jan. 28, 1893. [Wash., 1893.] 8°. 40 p. [3]
- Ober, Carolyn Faville, and Westover, Cynthia M. Manhattan, historic and artistic: a six days' tour of New York city. N. Y., [1892]. 12°. x, 232 p. Folded map and illus. [1]
- Ober, Frederick Albion. In the wake of Columbus. Adventures of the special commissioner sent by the World's Columbian Exposition to the West Indies. Illus. Bost., 1893. 8°. (15), 515, (8) p. Maps. [1]
- Oberlin College, Oberlin, Ohio. Catalogue of the officers and students, 1882-83. Chicago, 1882. 8°. [3]

Obituaries. See Crosby, N.; — Eminent persons.

Ocean. See Brooks, C. W.

O'Connor, Charles. Opinion on the treasury agent system of cotton seizures in the South, also concurring opinion of W. M. Evarts, Edwards Pierrepont, and James T. Brady. N. Y., 1866. 8°. 41 p. [1]

Odd Fellows. *Quechee River Lodge No. 46, Woodstock, Vt.* Constitution, by-laws and rules. Athol, Mass., 1891. 16°. 28 p. [3]

Ohio. *Agricultural Experiment Station*. Bulletin 42-47. Aug.-Dec. 1892. [Vol. 5, no. 5-10. 2d series.] Columbus, 1892; Norwalk, 1893. 8°. [3]

No. 47 contains the 11th annual report, 1892.

- *Circuit Court*. Reports of cases argued and determined, [1892]. Supplement to the Weekly Law Bulletin and Ohio Law Journal. Vol. 6. Columbus, [1892]. 8°. [1]
  - *Constitutional Convention, 1850-51*. Report of the debates and proceedings of the convention for the revision of the constitution. J. V. Smith, official reporter. Columbus, 1851. 2 v. 8°. 751 p.; 897 p. [1]
  - *General Assembly*. General and local acts and joint resolutions, 70th General Assembly, regular session, 1892. Vol. 89. Columbus, 1892. 1. 8°. [2]
  - The new school law. An act to provide for the reorganization, supervision and maintenance of common schools, March 14, 1853. Also annual report of Secretary of State on the condition of common schools, 1852. *n.t.p.* [1853.] 8°. (24) p. [3]
  - *Governor*. Annual message of J. E. Campbell [to the Legislature], Jan. 6, 1891. Columbus, 1891. 8°. 14 p. [4]
  - *Meteorological Bureau*. 9th annual report, 1891. Columbus, 1892. 8°. [3]
  - *State Board of Agriculture*. Condition of crops, July-Aug. 1892. Official report. In co-operation with the United States Weather Bureau. Columbus, 1892. 8°. Folded charts. [3]
- The report for July is entitled "Acreage and condition of wheat and condition of other crops and live stock."
- *State Commissioner of Common Schools*. 39th annual report, Aug. 31, 1892. Norwalk, 1892. 8°. [3]
  - The schools of Ohio at the Centennial Exposition. Columbus, 1875. 8°. 28 p. [3]
  - *Weather and Crop Service (subordinate to the United States Weather Bureau)*. Report of the Weather and Crop Service in co-operation with the State Board of Agriculture for Aug. 1892-July 1893. Norwalk, 1892-93. 8°. Folded charts. [3]
  - See Apthorp, H.

- Ohio Editorial Association.** Transactions, 1856-57. Columbus, 1857. 8°. 89 p. [3]
- Ohio State Archæological and Historical Society.** 8th annual report to the governor, 1892. Norwalk, 1893. 8°. 28 p. [3]
- Synopsis of annual reports, Feb. 10, 1892—Feb. 19, 1893. *n.t.p.* [1893.] 8°. (4) p. [3]
- Ohio State Bar Association.** Reports, v. 13. Proceedings, annual meeting, July 1892. Constitution, by-laws, list of officers, *etc.* Akron, 1892. 8°. [3]
- Oklahoma. Agricultural and Mechanical College. Agricultural Experiment Station, Stillwater.** Bulletin, no. 3-6. June 1892—May 1893. Guthrie, 1892; Norman, 1893. 8°. [3]
- *Same.* Special bulletin, no. 1. Oct. 1892. Stillwater, 1892. f° sheet. [3]
- **Governor.** Message [of A. J. Seay] to 2d Legislative Assembly, Jan. 19, 1893. Guthrie, [1893]. 8°. 11 p. [4]
- Report to the Secretary of the Interior, 1892. Wash., 1892. 8°. [3]
- **Legislative Assembly.** The statutes of Oklahoma, 1893. Compiled under the direction of Robert Martin, by W. A. McCartney, J. H. Beatty, and J. M. Johnston. Guthrie, 1893. 1. 8°. xvi, 1338, (1) p. [1]
- **Superintendent of Public Instruction.** 1st biennial report, Dec. 1, 1893. Guthrie, 1893. 8°. 36 p. [3]
- *See United States. Congress.*
- Old Colony and Fall River Railroad Company.** 8th annual report of the directors to the stockholders, Jan. 1862. Bost., 1862. 8°. 10 p. [2]
- Old Colony Historical Society.** [Proceedings], annual meeting, Jan. 9, 1893; quarterly meeting, Aug. 8, 1893. *n.t.p.* [1893.] 8°. [3]
- Old Colony Railroad Company.** 28th annual report of the directors, Sept. 29, 1891. Bost., 1891. 8°. [3]
- Brief statement of facts in relation to the proposed railroad from Boston to Plymouth. Plymouth, 1844. 8°. 20 p. [2]
- Report of the committee for investigating the affairs of the company, appointed by the stockholders Dec. 26, 1849. [With the evidence.] Bost., 1850. 8°. 84, 165 p. Folded maps. [2]
- Old South leaflets.** 6th-8th series, 1888-90; 9th series, 1891, no. 1, 3, 5. Bost., 1888-[91]. 12°. [1]
- General series. No. 13. The ordinance of 1787. *n.t.p.* [Bost., 18—.] 12°. 12 p. [3]
- Old South lectures, *etc.*** *See* Mead, E. D.
- Olin, Chauncey C.** A complete record of the John Olin family, 1678-1893. [With reminiscences of the life of Chauncey C. Olin.] Indianapolis, 1893. 8°. 228, xvi p. Portraits. [1]
- The Olin souvenir. *n.t.p.* [1892.] 24°. 8, (1) p. Portrait and illus. [3]
- Olin family.** *See* Olin, C. C.
- Oliphint, Thomas J.** Digest of the decisions of the Supreme Court of Arkansas, 1885-92. Little Rock, 1892. 1. 8°. ii, (1), 395 p. [1]
- Lettered "Vol. 2."
- Oliver, Alexander.** A chronological table of, and general index to, the colonial statutes in force in New South Wales, contained in v. 1-2 of the ed. of the statutes published in 1879. Sydney, 1881. 8°. (2), cclxxiii p. [2]
- Olivet College, Olivet, Mich.** Catalogue of the officers and students, 1866-67, 69. Lansing, 1866-69. 8°. [3]
- *See* Morrison, N. J.
- Olmstead, Dwight H.** Lecture on the Protestant faith. N. Y., 1874. 12°. 70 p. [3]
- O'Malley, Edward Loughlin, and Hardcastle, Henry.** Reports of the decisions of the judges for the trial of election petitions in Great Britain and Ireland, [1892-93]. By J. S. Sandars and A. P. P. Keep. Vol. 4. Lond., 1893. 8°. [1]

- Oneida Historical Society, Utica, N. Y.** Transactions. No. 5. 1889-92. Utica, 1892. 8°. Portraits. [3]
- Ontario. Agricultural College and Experimental Farm, Toronto.** 17th annual report, 1891. Toronto, 1892. 8°. Illus. [3]
- — Bulletin, 74, 79. June 1, 1892, Aug. 22, 1892. Toronto, [1892]. 8°. Illus. [3]
- *Court of Appeal.* Reports of cases, 1891-92. Vol. 19. Toronto, 1893. 8°. [1]
- *Department of Public Instruction for Upper Canada.* Catalogue of illustrated works, reward cards, etc., suitable for prizes in the public schools. Toronto, 1857. 8°. 32 p. [3]
- — Catalogue of maps, apparatus, charts, reference-books, etc., for sale at the educational depository. Toronto, 1863. 8°. 60 p. Illus. [3]
- — General provisions of the law and rules and regulations for the establishment and maintenance of public school libraries, with explanatory remarks. Toronto, 1854. 12°. 39 p. Illus. [3]
- — Proceedings at the ceremony of laying the chief corner stone of the normal and model schools and education offices, 2d July 1851, with an introductory sketch of the system of public elementary instruction. Toronto, 1851. 8°. 29 p. Illus. and folded sheet. [3]
- *Legislature.* Journals of the Legislative Assembly, 2d session, 7th Legislature, 1892. Vol. 25. [Toronto, 1892.] 8°. [2]
- — Sessional papers. Vol. 24, part 5-8, 2d session, 7th Legislature, 1892; v. 25, part 1-3, 5, 3d session, 7th Legislature, 1893. Toronto, 1892-93. 8 v. 1. 8°. Folded sheets and plates. [2]
- — Statutes, 3d session, 7th Legislature, 1893. Toronto, 1893. 8°. [2]
- *Minister of Education.* Report, 1892, with the statistics of 1891. Toronto, 1893. 1. 8°. [3]
- *Practice Court.* Ontario practice reports. By T. T. Rolfe. J. F. Smith, ed. Vol. 14. [1890-92.] Toronto, 1892. 8°. [1]
- Ontario, Lake.** See **United States.** *Commissioner of Fish and Fisheries.*
- Opium.** See **Friends, Society of.** *New England.*
- Oregon. Agricultural College, Experiment Station, Corvallis.** Bulletin no. 20-26. Sept. 1892—May 1893. Corvallis, 1892-93. 8°. [3]
- *Constitutional Convention, 1857.* Journal. Salem, 1882. 8°. 130 p. [1]
- *Governor.* Biennial message of Sylvester Pennoyer to the Legislative Assembly, 16th-17th regular session, 1891-93. Salem, 1891-93. 8°. [4]
- *Legislative Assembly.* General and special laws and joint resolutions and memorials, 17th regular session, 1893. Salem, 1893. 8°. [2]
- *Secretary of State.* Biennial report to the Legislative Assembly, 17th regular session, 1893. Salem, 1893. 8°. [3]
- *Superintendent of Public Instruction.* Arbor Day [circular], April 14, 1893. Salem, 1893. 8°. xv p. [3]
- — 10th biennial report, [1891-92]. Salem, 1893. 8°. [2]
- *Supreme Court.* Reports of cases, May [1890—May 1892]. G. H. Burnett, reporter. Vol. 21-22. Salem, 1892. 2 v. 8°. [2]
- See Thayer, E.; — Winthrop, R. C.
- Orizaba, Mt., Mexico.** See **United States.** *National Museum.*
- Ormsby family.** See Page, O. O.
- Osgood, David.** The signal advantages derived to the nations of christendom from their religion. Discourse before the annual Convention of Congregational Ministers of Massachusetts, Boston, May 31, 1798. Bost., 1798. 8°. 32 p. [1]
- Oswego, N. Y. Board of Education.** 16th annual report, Feb. 20, 1869. Oswego, 1869. 8°. 113 p. [3]
- Otis, William Foster.** The reviewer reviewed. Defence of an oration before the young men of Boston, 4th July, 1831. Bost., 1831. 8°. 29 p. [1]
- See Review of an oration, etc.
- Oudh, India.** The N.-W. Provinces and Oudh code. 3d ed. 1892. See **India.** *Legislative Department.*

- Our Dumb Animals.** Vol. 22-25. June 1889—Dec. 1892. [Bost., 1889-92.] 4 v. in 1. 4°. Illus. [3]
- Owls.** *See United States. Department of Agriculture.*
- Oxford University, Eng.** Oxford University Gazette. May 10, 1892, May 9, 1893. Supplement to no. 739, 770. Annual report of the curators of the Bodleian Library, [1891-92]. *n.t.p.* [Oxford, 1892-93.] f°. [3]
- Oyster.** *See United States. Commission of Fish and Fisheries;—Virginia. Governor.*
- Pacific Cable Company.** *See United States. Congress.*
- Pacific Guano Company.** History, products and trade, *etc.* Camb., 1876. 8°. 61 p. Maps and illus. [3]
- Pacific Ocean.** *See United States. Hydrographic Office.*
- Pacific Railroad.** *See Poor, H. V.;—Rice, W. W.*
- Pacific Reporter.** Vol. 30-32. June 30, 1892—June 1, 1893. St Paul, 1892-93. 3 v. 1. 8°. [1]
- Page, Alfred Baylies.** Some graduates of Harvard College. *n.t.p.* [1893.] 8°. 3 p. [3, *Author.*]
- Page, Oliver Ormsby.** A short account of the family of Ormsby of Pittsburgh, [Pa.]. Albany, N. Y., 1892. 1. 8°. 46, (2) p. Portraits. [1]
- Paine, Nathaniel.** A biographical notice of Benson John Loosing, LL.D. Worcester, 1892. 1. 8°. 8 p. Portrait. [3, *Author.*]
- Remarks on reproducing early newspapers, semi-annual meeting of the American Antiquarian Society, April 26, 1893. *n.t.p.* [1893.] 8°. 3 p. [3, *Author.*]
- Palæography.** *See Thompson, E. M.*
- Palæontology.** *See James, J. F.*
- Palestine Exploration Fund.** The city and the land: seven lectures on the work of the Society, [London], May, June 1892. Lond., 1892. 8°. 238 p. [1]
- Quarterly statement, July, 1892. Lond., [1892]. 8°. (74) p. Maps and illus. [2]
- Palfrey, John Gorham.** Remarks on the proposed state constitution by a Free-Soller from the start. [Anon.] Bost., 1853. 8°. 35 p. [1]
- Sermon occasioned by the death of John Gorham, M.D., Boston, April 9, 1829. Bost., 1829. 8°. 23 p. [2]
- The theory and uses of natural religion; the Dudleian lecture read before the University of Cambridge, May 8, 1839. Bost., 1839. 8°. 76 p. [1]
- Palmberg, Albert.** A treatise on public health and its applications in different European countries, England, France, Belgium, *etc.* Tr. from the French ed., and the section on England ed. by Arthur Newsholme. With illus. Lond., 1893. 8°. xx, 539 p. [1]
- Palmer, Charles J.** Sermon, Lanesborough, Mass., Aug. 28, 1892, 150th anniversary of the town. Pittsfield, 1892. 8°. 15 p. [3]
- Palmer, Stephen.** Sermon, Needham, First parish, the Lord's Day after the interment of Mrs. Lydia Fairbanks, who died March 14, 1816. Dedham, 1816. 8°. 16 p. [1]
- Palmer (Mass.) Directory.** *See Sparrow, A. B.*
- Panics.** *See Juglar, C.*
- Parasites.** *See United States. Commission of Fish and Fisheries.*
- Parcel post.** *See Great Britain. Treasury.*
- Paris.** *See Child, T.*
- Exposition Universelle, 1867. *See Rhode Island. Commissioner to the Universal Exposition of 1867.*
- Exposition Universelle, 1889. *See United States. Commissioners to the Universal Exposition of 1889 at Paris, — National Museum.*
- Parker, Leroy, and Worthington, Robert H.** The public health and safety, and the powers and duties of boards of health. Albany, 1892. 8°. xlii, 471 p. [1]

- Parker, Rev. Theodore, b. 1810, d. 1860.** A false and true revival of religion. Sermon, Music Hall, Boston, April 4, 1858. Bost., 1858. 8°. 12 p. [3]
- Parker, Theodore, b. 1869.** Genealogy and biographical notes of John Parker of Lexington and his descendants, showing his earlier ancestry in America, from Dea. Thomas Parker of Reading, Mass., 1635-1893. Worcester, 1893. 8°. (4), 528 p. Portraits and illus. [1]
- Parker, Warren D.** Is the county superintendency worth preserving? *n.t.p.* Geneva, Wis., 1868. 12°. 11 p. [3]
- Parker family.** See Parker, T.
- Parkes, Sir Henry.** The federal government of Australasia. Speeches, Nov. 1889-May 1890. With frontispiece. Sydney, 1890. 8°. xii, 189 p. [3]
- Fifty years in the making of Australian history. With portraits. Lond., 1892. 8°. xv, (1), 679 p. [1]
- Parkman, George.** See Holmes, O. W.
- Parkman, Henry.** See Russell, W. G., and others.
- Parks.** See Massachusetts. *Board of Metropolitan Park Commissioners.*
- Parnell, Sir Henry.** A treatise on roads. 2d ed. Lond., 1838. 8°. xii, 465 p. Folded plates. [1]
- Parol evidence.** See Browne, I.
- Parsons, Albert.** The liability of railway companies for negligence towards passengers. Lond., 1893. 12°. xv, 196 p. [1]
- Parsons, William.** Obituary notice of the death of William Parsons. Lecture at the first social meeting of the Boston New Jerusalem Society after his death, by Caleb Reed. Discourse preached at the New Jerusalem Church the Sunday following his death, by Rev. Thomas Worcester. *n.p.*, 1847. 8°. 38 p. [2]
- Parties.** See Republican Party. *Massachusetts State Conventions.*
- Parton, James.** General Jackson. N. Y., 1893. 12°. viii, (1), 332 p. Portrait. (Wilson, J. G., ed. Great commanders.)
- Party platforms.** See Frederick, J. M. H.; — McKee, T. H.
- Patents.** See Congress of Inventors and Manufacturers of Inventions; — Hall, T. B.; — Knight, G. H.; — Lowery, W.
- Paterson, N. J.** Old Dutch Church, at Totowa. See Nelson, W.
- Patriotism.** See Fullerton, W. M.
- Pattison, Robert E.** Discrimination by railroads. Address before the Farmers' Institute and General Farmers' Convention, Lock Haven, Pa., Jan. 21, 1886. Harrisburg, 1886. 8°. 4 p. [2]
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- See also, *forward, Congress, — Department of the Interior.*

(11th census, 1890.)

- Census bulletin. No. 110-111, 207-328, 330-377. Sept. 3-4, 1891, Sept. 26—Dec. 7, 1892, Dec. 15, 1892—May 15, 1893. *n.t.p.* [Wash., 1891-93.] 4°. [3]
- Compendium of the 11th census. Part 1. Population. Wash., 1892. f°. cxi, 967 p. Maps, diagrams and charts. [3]
- Extra census bulletin. No. 24, 26-28, 30-55. Nov. 10—Dec. 5, 1892, Jan. 24—Aug. 31, 1893. *n.t.p.* [Wash., 1892-93.] 4°. [3]
- Indians. Eastern band of Cherokees of North Carolina. By Thomas Donaldson. Wash., 1892. 4°. 24 p. Portrait, folded map and illus. [3]
- Indians. The six nations of New York; Cayugas, Mohawks, Oneidas, etc. By Thomas Donaldson. Wash., 1892. 4°. vii, 89 p. Portraits, folded maps and illus. [3]
- Index to bulletins. Corrected to April 1, 1893. *h.t.p.* [Wash., 1893.] 8°. 16 p. [3]
- Report on mineral industries in the United States, 1890. D. T. Day, special agent. Wash., 1892. 4°. xvi, 858 p. Maps, diagrams and illus. [3]
- Report on population and resources of Alaska. Wash., 1893. 4°. xi, 282 p. Map and illus. (52d Cong. 1st sess. Miscel. doc., no. 340, part 7.) [3]
- Report on transportation business in the United States, 1890. The Great Lakes. H. C. Adams, special agent. Wash., 1892. 4°. vii, 162 p. [3]
- Same. Rivers of the Mississippi Valley. Wash., 1892. 4°. vii, 81 p. [3]
- Same. Street railways. Wash., 1892. 4°. vii, 195 p. [3]
- Report on wealth, debt and taxation, 1890. Part 1. Public debt. J. K. Upton, special agent. Wash., 1892. 4°. xi, 890 p. Map and diagrams. [3]

*Circuit Courts of Appeals.*

- United States Courts of Appeals Reports. Vol. 1, 4. S. A. Blatchford, reporter. N. Y., 1893. 2 v. 8°. [1]

*Contents.*

Vol. 1. Cases adjudged in the Circuit Court of Appeals for the 2d circuit, 1891-92. Vol. 1.]  
 4. — Same. 8th circuit, 1891-92. Vol. 1.]

*Civil Service Commission.*

- 9th report, July 1, 1891—June 30, 1892, also civil list. Wash., 1893. 8°. Folded map and illus. [3]

## United States, continued.

*Coast and Geodetic Survey.*

- Astronomy. Culminations and elongations and azimuths at elongation of Polaris, 1889-1910. Prepared by C. A. Schott. Appendix no. 1, Report for 1891. Wash., 1892. 8°. (9) p. [3]
- The transit of Mercury, May 9, 1891, as observed at Walkiki, Hawaiian Islands. By E. D. Preston. Appendix no. 12, Report for 1891. Wash., 1892. 8°. (3) p. [3]
- Bibliography. Descriptive catalogue of publications relating to the U. S. Coast and Geodetic Survey, 1807-90, and to U. S. standard weights and measures, 1790-1890. Compiled by Edward Goodfellow, [and others]. Appendix no. 11, Report for 1891. Wash., 1892. 8°. (108) p. [3]
- Geodesy. Azimuth determinations by micrometric measurements on a close circumpolar star. Report by C. A. Schott, observations by A. T. Mosman. Appendix no. 2, Report for 1891. Wash., 1892. 8°. (7) p. [3]
- Notice to mariners. No. 137-162 Jan. 1891-Dec. 1892. [Including indexes to chart corrections for 1891-92.] Coast of the United States. *n.t.p.* [1891-92.] 4° sheets [3]
- Physical hydrography. Cross-sections of the shore of Cape Cod between the Cape Cod and Long Point light-houses. Report by H. L. Marindin. Appendix no. 9, Report for 1891. Wash., 1892. 8°. (55) p. [3]
- Terrestrial magnetism. On the magnetic observations of Vitus Ivanovich Bering on the coasts of northeastern Asia during his first expedition, 1725-30. Discussion by C. A. Schott, based upon a record communicated by Dr. W. H. Dall, U. S. National Museum. Appendix no. 5, Report for 1891. Wash., 1892. 8°. (7) p. [3]
- On the secular variation and annual change of the magnetic force at stations on the west coast of Africa and at some islands in the N. and S. Atlantic. Discussion and report by C. A. Schott, observations by E. D. Preston. Appendix no. 3, Report for 1891. Wash., 1892. 8°. (21) p. [3]
- Tide tables for the Atlantic coast of the United States for the year 1894. Wash., 1893. 1. 8°. [3]
- Tide tables for the Pacific coast of the United States, 1891-94. Wash., 1890-93. 1. 8° and 12°. [3]

*Commissary-General of Subsistence.*

- Annual report to the Secretary of War, June 30, 1892. Wash., 1892. 8°. [3]

*Commission of Fish and Fisheries.*

- The anatomy of *thysanocephalum crispum*, Linton, a parasite of the tiger shark. By Edwin Linton. Wash., 1891. 8°. (15) p. Plates. [3]
- Bulletin. Vol. 10. 1890. Wash., 1892. 1. 8°. Folded maps and plates. [3]
- Description of a new sucker, *pantosteus Jordani*, from the Upper Missouri basin. By B. W. Evermann. Wash., 1893. 1. 8°. (8) p. Illus. [3]
- Letter from M. McDonald, Commissioner, upon the natural history of the menhaden and mackerel, with notes on the fisheries. *n.t.p.* [Wash., 1892.] 8°. 14 p. Folded diagram. (52d Cong. 1st sess. Sen. miscel. doc., no. 156.) [3]
- Notes on a collection of fishes from the southern tributaries of the Cumberland River in Kentucky and Tennessee. By P. H. Kirsch. Wash., 1893. 1. 8°. (12) p. [3]
- Notes on entozoa of marine fishes, with descriptions of new species. Part 2-3. By Edwin Linton. Wash., 1890-91. 8°. Plates. [3]
- Notes on fishes from the lower Potomac River. By H. M. Smith. Wash., 1892. 1. 8°. (11) p. Plates. [3]
- Observations on the hatching of the yellow perch. By S. G. Worth. Wash., 1892. 1°. (4) p. Plate. [3]
- Observations on the spawning habits of the shad. By S. G. Worth. Wash., 1893. 1. 8°. (8) p. [3]

Pages 201-206 from the Bulletin of the Commission for 1891.

*United States. Commission of Fish and Fisheries, continued.*

- Observations upon fishes and fish culture. [By T. H. Bean.] Wash., 1892. 1. 8°. (14) p. [3]
- On the classification of the myxosporidia, a group of protozoan parasites infesting fishes. By R. R. Gurley. Wash., 1893. 1. 8°. (16) p. [3]
- A preliminary report on the aquatic invertebrate fauna of the Yellowstone National Park, Wyoming, and of the Flathead region of Montana. By S. A. Forbes. Wash., 1893. 1. 8°. (53) p. Plates. [3]
- Report of an examination of the rivers of Kentucky, with lists of the fishes obtained. By A. J. Woolman. Wash., 1892. f°. (41) p. Plate. [3]
- Report of operations at the laboratory of the Commission, Wood's Holl, Mass., 1888. By J. A. Ryder. Wash., 1891. 8°. (11) p. [3]
- Report of the Commissioner, 1888-91. [Part 16-17.] Wash., 1892-93. 2 v. 8°. [3]
- Report on a collection of fishes from the Albemarle region of North Carolina. By H. M. Smith. Wash., 1893. 1. 8°. (18) p. [3]
- Report on the European methods of oyster-culture. By Bashford Dean. Wash., 1893. 1. 8°. (52) p. Illus. and plates. [3]
- Report on the fisheries of Lake Ontario. By H. M. Smith. Wash., 1892. f°. (40) p. Plates. [3]
- Report on the fisheries of the Gulf states. By J. W. Collins and H. M. Smith. Wash., 1892. 1. 8°. (96), ii p. [3]
- Report on the fisheries of the New England states. By J. W. Collins and H. M. Smith. Wash., 1892. 1. 8°. (105) p. [3]
- Report on the fisheries of the South Atlantic states. By H. M. Smith. Wash., 1893. 1. 8°. (90) p. Plates. [3]
- Report on the investigations of the Albatross, June 30, 1889. By Z. L. Tanner. Wash., 1891. 8°. Folded sheet and plates. [3]
- Report relative to the salmon fisheries of Alaska. [By Marshall McDonald, with Bibliography of the salmonidæ of Alaska and adjacent regions. By T. H. Bean.] Wash., 1892. 1. 8°. 51 p. Illus. (52d Cong. 1st sess. Sen. miscel. doc., no. 192.) [3]
- Report respecting the establishment of fish-cultural stations in the Rocky Mountain regions and Gulf states. [By B. W. Evermann.] Wash., 1892. 1. 8°. iv, 88 p. Folded maps, plates and illus. [3]
- Report upon the fishes of Iowa, based upon observations and collections made during 1889-91. By S. E. Meek. Wash., 1892. f°. (33) p. [3]
- Report upon the rivers of central Florida tributary to the Gulf of Mexico, with lists of fishes inhabiting them. By A. J. Woolman. Wash., 1892. f°. (11) p. Plates. [3]
- A review of the centrarchidæ, or fresh-water sunfishes of North America. By C. H. Bollman. Wash., 1891. 8°. (25) p. Plates. [3]
- Statistical review of the coast fisheries of the United States. Prepared under the direction of J. W. Collins. Wash., 1891. 8°. (109) p. [4]
- See *United States. Congress.*

*Commissioner of Customs.*

- Annual report to the Secretary of the Treasury, June 30, 1892. Wash., 1892. 8°. [3]

*Commissioner of the Freedman's Savings and Trust Company.*

- Annual report of the Commissioner, 1892. Wash., 1892. 8°. [3]

*Commissioner of Railroads.*

- Report to the Secretary of the Interior, 1892. Wash., 1892. 8°. [3]

*Commissioners of Claims.*

- See *Holloway, J. B., and French, W. H.*

United States, *continued.**Commissioners on Immigration.*

- Letter from the Secretary of the Treasury transmitting a report of the Commissioners upon the causes which incite immigration to the United States. Wash., 1892. 2 v. 8°. (1), 331 p.; 115 p. (52d Cong. 1st sess. Exec. doc., no. 235, part 1-2.) [3]

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- Vol. 1. Reports of Commissioners.
- 2. Extracts from European laws. Letters of U. S. Consuls.

*Commissioners to the Universal Exposition of 1889, at Paris.*

- Reports. Wash., 1890-91. 5 v. 8°. Plans and illus. [3]

*Comptroller of the Currency.*

- Report, 1869; Annual report, 1873, 92, [v. 1]. Wash., 1869-92. 3 v. 8°. [1]
- *Same.* 1892. 3d ed. Wash., 1892. 2 v. 8°. [3]

*Congress.*

- Action concerning the Torrey bankruptcy bill by the Mobile Cotton Exchange, [and other boards of trade, etc.]. *n.t.p.* [Wash., 1892.] 8°. 28 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 182.) [3]
- Addresses on the presentation of the portraits of Speakers Grow and Randall, in the House of Representatives, [Jan. 21, 1892]. Wash., 1892. 1. 8°. 48 p. (52d Cong. 1st sess. House miscel. doc., no. 141.) [3]
- Admission of Arizona into the Union. Report [of] the committee on the territories. *n.t.p.* [Wash., 1891.] 8°. 30 p. (52d Cong. 1st sess. House report, no. 737.) [3]
- Admission of New Mexico. Report [of the committee on territories]. *n.t.p.* [Wash., 1892.] 8°. 45 p. (52d Cong. 1st sess. House report, no. 736.) [3]
- Alleged coal combination. Report [of the committee on interstate and foreign commerce on the alleged combination of the Philadelphia and Reading Railroad Company and other railroads]. *n.t.p.* [Wash., 1893.] 8°. ix, 261 p. (52d Cong. 2d sess. House report, no. 2278.) [3]
- Alleged illegal practices connected with the United States courts and abuse of judicial process [especially in the office of United States Commissioner Hallett in Boston]. Report [of the committee on the judiciary]. *n.t.p.* [Wash., 1892.] 8°. 250 p. (52d Cong. 1st sess. House report, no. 1966.) [3]
- American registry of ships built in foreign countries. Report [of the committee on merchant marine and fisheries]. *n.t.p.* [Wash., 1892.] 8°. 5 p. (52d Cong. 1st sess. House report, no. 966.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 12 p. (52d Cong. 1st sess. House report, no. 966, part 2.) [3]
- Appropriations, new offices, etc. Statements showing appropriations made during the 1st session, 52d Congress, new offices created, etc. Prepared by T. P. Cleaves and J. C. Courts. Wash., 1892. 1. 8°. 381 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 227.) [3]
- *Same.* 2d session, 52d Congress. Wash., 1893. 1. 8°. 343 p. (52d Cong. 2d sess. Sen. miscel. doc., no. 70.) [3]
- Assessment of taxes in the District of Columbia. Report [of] the select committee to investigate tax assessments, etc. *n.t.p.* [Wash., 1892.] 8°. 156 p. Folded map. [3]
- Bagging for cotton, etc. Report [of] the committee on ways and means on admitting free of duty bagging for cotton. *n.t.p.* [Wash., 1892.] 8°. 10 p. (52d Cong. 1st sess. House report, no. 503.) [3]
- Binding twine. Report [of the committee on ways and means relative to a bill to place binding twine on the free list]. *n.t.p.* [Wash., 1892.] 8°. 5 p. (52d Cong. 1st sess. House report, no. 502.) [3]
- A centennial fourth of July democratic celebration. The massacre of six colored citizens at Hamburg, S. C., July 4, 1876. Debate in the United States House of Representatives, July 15 and 18, 1876. *n.t.p.* [Wash., 1876.] 8°. 15 p. [3]

United States. *Congress, continued.*

- Charges respecting conduct of members on the floor of the House. Report [of the committee to investigate charges against members, chiefly against J. E. Cobb]. *n.t.p.* [Wash., 1892.] 8°. 102 p. (52d Cong. 1st sess. House report, no. 2132.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 4 p. (52d Cong. 1st sess. House report, no. 2132, part 2.) [3]
- Circulating promissory notes. Report [of the committee on banking and currency relative to the issue of circulating promissory notes by banks]. *n.t.p.* [Wash., 1893.] 8°. 14 p. (52d Cong. 2d sess. House report, no. 2584) [3]
- The civil service. Report of [T. A.] Jenckes, from the joint select committee on retrenchment, made to the House of Representatives of the United States, May 14, 1868. Wash., 1868. 8°. vii, 219 p. (40th Cong. 2d sess. House report, no. 47.) [3, *Estate of George B. Loring.*]
- Condition of the Treasury. Report [of the committee on ways and means relative to the condition of the Treasury]. *n.t.p.* [Wash., 1893.] 8°. 84 p. (52d Cong. 2d sess. House report, no. 2621.) [3]
- Dealing in fictitious farm products. Report [of the committee on agriculture]. *n.t.p.* [Wash., 1892.] 8°. 14 p. (52d Cong. 1st sess. House report, no. 969.) [3]
- Decisions of Judge Speer, Judge Ricks and Judge Taft made in certain cases involving the rights and duties of railroad employes and construction of the anti-trust and interstate-commerce laws. *n.t.p.* [Wash., 1893.] 8°. 35 p. (53d Cong. Special session. Sen. miscel. doc., no. 47.) [3]
- Effect of the tariff upon agriculture. Report [of the committee on agriculture]. *n.t.p.* [Wash., 1892.] 8°. 33 p. (52d Cong. 1st sess. House report, no. 2114.) [3]
- Election of president and vice-president. Report [of select committee]. *n.t.p.* [Wash., 1893.] 8°. 14 p. (52d Cong. 2d sess. House report, no. 2439.) [3]
- Election of senators. Report [of the select committee on the election of president, vice-president, *etc.*]. *n.t.p.* [Wash., 1892.] 8°. 5 p. (52d Cong. 1st sess. House report, no. 368.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 3 p. (52d Cong. 1st sess. House report, no. 368, part 2.) [3]
- Report [of the committee on privileges and elections on the election of United States Senators]. *n.t.p.* [Wash., 1892.] 8°. 3 p. (52d Cong. 1st sess. Sen. report, no. 794, part 1.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 11 p. (52d Cong. 1st sess. Sen. report, no. 794, part 2.) [3]
- Free coinage of gold and silver bullion. Report [of the committee on coinage, weights and measures]. *n.t.p.* [Wash., 1892.] 8°. 2 p. (52d Cong. 1st sess. House report, no. 1839.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 6 p. (House report, no. 1839, part 2.) [3]
- Free coinage of gold and silver. [Report of] the committee on coinage, weights, and measures. *n.t.p.* [Wash., 1892.] 8°. 28 p. (52d Cong. 1st sess. House report, no. 249.) [3]
- French spoliation claims. Report [of the committee on claims, July 15, 1892]. *n.t.p.* [Wash., 1892.] 8°. 41 p. (52d Cong. 1st sess. House report, no. 1901.) [3]
- Report [of the committee on claims on the bill to pay the awards of the Court of Claims in the French spoliation cases]. *n.t.p.* [Wash., 1892.] 8°. 87 p. (52d Cong. 1st sess. Sen. report, no. 856.) [3]
- History of Senate bills and joint resolutions, 1st session, 52d Congress, arranged under the names of the senators introducing them. Wash., 1892. 1. 8°. iii, 94 p. [3]

**United States. Congress, continued.**

- Hours of labor for mechanics and laborers. Report [of the committee on labor]. *n.t.p.* [Wash., 1892.] 8°. 7 p. (52d Cong. 1st sess. House report, no. 1267.) [3]
- Report [of the committee on education and labor on the adjustment and payment of accounts of laborers and mechanics arising under the eight-hour law]. *n.t.p.* [Wash., 1892.] 8°. 17 p. (52d Cong. 1st sess. Sen. report, no. 245.) [3]
- Report [of the committee on education and labor on the eight-hour law]. *n.t.p.* [Wash., 1892.] 8°. 2 p. (52d Cong. 1st sess. Sen. report, no. 948.) [3]
- Immigration investigation. [Report of] the committee on immigration and naturalization. *n.t.p.* [Wash., 1892.] 8°. xxxii, 798 p. Folded plan and sheet. (52d Cong. 1st sess. House report, no. 2090.) [3]
- Investigation of election laws. Report [of the select committee to inquire into the supervision and administration of election laws by officers of the United States, in the city, county and state of New York, so far as the same relate to members of Congress]. *n.t.p.* [Wash., 1893.] 8°. 102 p. (52d Cong. 2d sess. House report, no. 2365.) [3]
- Investigation of the Census Bureau. Report [of the select committee on the 11th Census]. *n.t.p.* [Wash., 1892.] 8°. 180 p. (52d Cong. 1st sess. House report, no. 1933.) [3]
- Investigation of the employment of Pinkerton detectives in connection with the labor troubles at Homestead, Pa. Wash., 1892. 8°. 247 p. (52d Cong. 1st sess. House miscel. doc., no. 335.) [3]
- The Lecompton constitution. House of Representatives, March 10, 1858. [Report from the select committee of fifteen.] *n.t.p.* [Wash., 1858.] 8°. 16 p. [3]
- Life-Saving Service. Report [of the committee on interstate and foreign commerce]. *n.t.p.* [Wash., 1892.] 8°. 13 p. (52d Cong. 1st sess. House report, no. 508.) [3]
- Local government for the territory of Utah. Report [of the committee on the territories]. *n.t.p.* [Wash., 1892.] 8°. 28 p. (52d Cong. 1st sess. House report, no. 943.) [3]
- Memorial addresses on the life and character of Alexander K. Craig, in the House of Representatives and Senate, [Feb. 3, 1893]. Wash., 1893. 1. 8°. 44 p. Portrait. (52d Cong. 2d sess. House miscel. doc., no. 97.) [3]
- Memorial addresses on the life and character of Ephraim King Willson, in the Senate and House of Representatives, May 6 and July 2, 1892. Wash., 1893. 1. 8°. 89 p. Portrait. (52d Cong. 1st sess. Sen. miscel. doc., no. 229.) [3]
- Memorial addresses on the life and character of Francis B. Spinola, in the House of Representatives, [March 26], and in the Senate, [Feb. 25, 1892]. Wash., 1893. 1. 8°. 50 p. Portrait. (52d Cong. 2d sess. House miscel. doc., no. 102.) [3]
- Memorial addresses on the life and character of John R. Gamble, delivered in the House of Representatives and in the Senate, [April 15 and 20, 1892]. Wash., 1893. 1. 8°. 66 p. Portrait. (52d Cong. 2d sess. House miscel. doc., no. 99.) [3]
- Memorial addresses on the life and character of Leonidas Campbell Houk, in the House of Representatives and in the Senate, Jan. 30 and Feb. 9, 1892. Wash., 1892. 1. 8°. 118 p. Portrait. (52d Cong. 1st sess. House miscel. doc., no. 234.) [3]
- Memorial addresses on the life and character of Preston B. Plumb, in the Senate and House of Representatives, Feb. 20 and March 19, 1892. Prepared by W. H. Michael. Wash., 1892. 1. 8°. 184 p. Portrait. (52d Cong. 1st sess. Sen. miscel. doc., no. 228.) [3]
- Memorial addresses on the life and character of Richard W. Townshend, in the House of Representatives, [Feb. 15], and in the Senate, [March 14, 1890]. Wash., 1890. 1. 8°. 66 p. Portrait. (51st Cong. 1st sess. House miscel. doc., no. 262.) [3]

**United States. Congress, continued.**

- Memorial addresses on the life and character of William H. F. Lee, delivered in the House of Representatives and in the Senate, [Dec 23, 1891]. Wash., 1892. 1. 8°. 107 p. Portrait. (52d Cong. 1st sess. House miscel. doc., no. 320.) [3]
- Memorial in regard to a national university. By J. W. Hoyt. Wash., 1892. 8°. 123 p. [3]
- Memorial of John Cowdon on matters pertaining to the improvement of the Mississippi River and its tributaries, and stopping the overflow of their valley lands. *n.t.p.* [Wash., 1893.] 8°. 52 p. Map, folded diagram. (52d Cong. 2d sess. Sen. miscel. doc., no. 38.) [3]
- Mississippi River Commission. Memorial showing not only the utter worthlessness but the absurdity of the work of the Commission. *n.t.p.* [Wash., 1892.] 8°. 13 p. (52d Cong. 1st sess. House miscel. doc., no. 188.) [3]
- National banks. Report [of the committee on banking and currency on the causes of the failure of the Keystone and Spring Garden National Banks of Philadelphia and the Maverick Bank of Boston]. *n.t.p.* [Wash., 1893.] 8°. 512 p. (52d Cong. 2d sess. House report, no. 2342.) [3]
- Report of the committee on failed national banks, [the Maverick National Bank of Boston and the Keystone and Spring Garden National Banks of Philadelphia]. Wash., 1892. 8°. xxxiii, 466 p. (52d Cong. 2d sess. Sen. report, no. 1286.) [3]
- The new and complete tax-payer's manual: containing the direct and excise taxes; with the recent amendments by Congress, and decisions of the Commissioner, *etc.* [With the direct tax law, passed Aug. 5, 1861], *etc.* N. Y., 1863. 8°. iv, 148, 36 p. [3]
- Obituary addresses on the death of the Hon. John C. Calhoun, in the Senate of the United States, April 1, 1850, with the funeral sermon of Rev. C. M. Butler, April 2, 1850. Wash., 1850. 8°. 39 p. [3]
- Official congressional directory, [52d Congress, 2d session]. By W. H. Michael. 2d ed. Wash., 1893. 8°. Maps, diagrams and illus. [3]
- *Same.* [53d Congress, 1st session.] By F. M. Cox. Special ed. Corrected to Aug. 7, 1893. Wash., 1893. 8°. Maps. [3]
- *Same.* [53d Congress, extraordinary session.] By W. H. Michael and F. M. Cox. Special ed. Wash., 1893. 8°. Maps and illus. [3]
- Pacific Cable Company. Report [of] the committee on foreign affairs. *n.t.p.* [Wash., 1891.] 8°. 13 p. (51st Cong. 2d sess. House report, no. 3774.) [3]
- Paper currency of East India. *n.t.p.* [Wash., 1892.] 8°. 12 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 205.) [3]
- Partial report [of the committee on finance on the effects of the tariff upon the trade between the United States and Canada]. *n.t.p.* [Wash., 1892.] 8°. 83 p. (52d Cong. 1st sess. Sen. report, no. 619.) [3]
- *Same.* Report, as a substitute for report no. 619. *n.t.p.* [Wash., 1892.] 8°. 95 p. (52d Cong. 1st sess. Sen. report, no. 788.) [3]
- Permanent census bureau. Report [of the select committee on the 11th census relative to the expediency of establishing a permanent bureau]. *n.t.p.* [Wash., 1893.] 8°. 110 p. (52d Cong. 2d sess. House report, no. 2393.) [3]
- Postal savings banks. Report [of] the committee on the Post-Office and post-roads. *n.t.p.* [Wash., 1891.] 8°. 13 p. (51st Cong. 2d sess. House report, no. 4002.) [3]
- Records of the volunteer armies. Report [of the committee on military affairs]. *n.t.p.* [Wash., 1892.] 8°. 7 p. (52d Cong. 1st sess. House report, no. 895.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 2 p. (52d Cong. 1st sess. House report, no. 895, part 2.) [3]
- Regulating the fisheries. Report [of the committee on merchant marine and fisheries]. *n.t.p.* [Wash., 1893.] 8°. 6 p. (52d Cong. 1st sess. House report, no. 1350.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1893.] 8°. 69 p. (52d Cong. 2d sess. House report, no. 1350, part 2.) [3]

## United States. Congress, continued.

- Report of a special committee, an address to Congress, and action by the National Board of Trade concerning the Torrey bankrupt bill; interviews, resolutions, etc. *n.t.p.* [Wash., 1892.] 8°. 14, 2 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 174.) [3]
- Report of committee on commerce on the bill making appropriations for the construction, repair and preservation of certain public works on rivers and harbors, etc., June 30, 1893. Wash., 1892. 8°. 422 p. (52d Cong. 1st sess. Sen. report, no. 666.) [3]
- Report [of the committee on agriculture and forestry on the establishment and protection of public forest reservations]. *n.t.p.* [Wash., 1892.] 8°. 12 p. (52d Cong. 1st sess. Sen. report, no. 1002.) [3]
- Report [of the committee on commerce on compulsory pilotage]. *n.t.p.* [Wash., 1892.] 8°. 52 p. (52d Cong. 1st sess. Sen. report, no. 396.) [3]
- Report [of the committee on foreign relations relative to the sums expended by the Maritime Canal Company, the Nicaragua Canal Construction Company or any company allied to either of said companies]. *n.t.p.* [Wash., 1893.] 8°. 42 p. (52d Cong. 2d sess. Sen. report, no. 1262.) [3]
- Report [of the committee on immigration and proceedings of the Cuba and Florida immigration investigation, the Senate committee on immigration, the Senate committee on epidemic diseases, etc. *n.t.p.* [Wash., 1893.] 8°. iii, 72 p. (52d Cong. 2d sess. Sen. report, no. 1263.) [3]
- Report of the committee on immigration, [with investigation on the proposition for the suspension of immigration for one year, etc.]. *n.t.p.* [Wash., 1893.] 8°. xvii, 279 p. (52d Cong. 2d sess. Sen. report, no. 1333.) [3]
- Report [of the committee on Indian affairs on extending the jurisdiction of the Supreme Court to the Indian tribal courts]. *n.t.p.* [Wash., 1892.] 8°. 66 p. (52d Cong. 1st sess. Sen. report, no. 281.) [3]
- Report [of the committee on Indian affairs on the relief of the Stockbridge and Munsee tribe of Indians in Wisconsin]. *n.t.p.* [Wash., 1892.] 8°. 58 p. (52d Cong. 1st sess. Sen. report, no. 1108.) [3]
- Report [of the committee on interstate commerce on the bill to compel common carriers to use automatic couplers and power brakes]. *n.t.p.* [Wash., 1892.] 8°. 112 p. (52d Cong. 1st sess. Sen. report, no. 1049.) [3]
- Report of the committee on manufactures on the sweating system. Wash., 1893. 8°. (4), xxix, 269 p. (52d Cong. 2d sess. House report, no. 2309.) [3]
- Report [of the committee on mines and mining on the cost of production of gold and silver bullion in the United States]. *n.t.p.* [Wash., 1893.] 8°. 82 p. (52d Cong. 2d sess. Sen. report, no. 1310.) [3]
- Report [of the committee on public buildings and grounds on the examination of the sanitary condition of the Capitol]. *n.t.p.* [Wash., 1892.] 8°. 44 p. Illus. (52d Cong. 1st sess. Sen. report, no. 880.) [3]
- Report [of the committee on territories on the admission of New Mexico]. *n.t.p.* [Wash., 1892.] 8°. 28 p. (52d Cong. 1st sess. Sen. report, no. 1023.) [3]
- Report [of the committee on the judiciary on the bill relating to "options" and "futures"]. *n.t.p.* [Wash., 1892.] 8°. 2 p. (52d Cong. 1st sess. Sen. report, no. 893 and part 2-3.) [3]
- Report of the select committee of the House of Representatives investigating the methods and management of practices of the Bureau of Pensions, under resolution of 10th Feb. 1892. Wash., 1892. 2 v. 8°. (1), lxvii, 770 p.; (1), 771-1615 p. (52d Cong. 1st sess. House report, no. 1868, part 1-2.) [3]
- Report [of the select committee to establish the University of the United States]. *n.t.p.* [Wash., 1893.] 8°. 3 p. (52d Cong. 2d sess. Sen. report, no. 1384.) [3]
- Report [of the select committee to investigate the facts in relation to the employment for private purposes of armed bodies of men or detectives in connection with differences between workmen and employers. *n.t.p.* [Wash., 1893.] 8°. xxix, 271 p. (52d Cong. 2d sess. Sen. report, no. 1280.) [3]

**United States. Congress, continued.**

- Report of the subcommittee of the committee on fisheries, United States Senate, [on] the investigation of the United States Fish Commission. Wash., 1891. 8°. 86 p. (51st Cong. 2d sess. Sen. report, no. 2361.) [3]
- Report on introduction of domestic reindeer into Alaska, with maps and illus., by Sheldon Jackson, Jan. 1893. Wash., 1893. 8°. 39 p. (52d Cong. 2d sess. Sen. miscel. doc., no. 22.) [3]
- The reserve fund. Report [of the committee on the judiciary]. *n.t.p.* [Wash., 1892.] 8°. 16 p. (52d Cong. 1st sess. House report, no. 1780.) [3]
- Resolutions of the Fremont County Business Men's Club of Lander, Wyo., and the Dauphin County Farmer's Alliance and Industrial Union of Harrisburg, Pa., unanimously indorsing the Torrey bankruptcy bill and petitioning Congress to pass it. *n.t.p.* [Wash., 1893.] 8°. 5 p. (52d Cong. 2d sess. Sen. miscel. doc., no. 63.) [3]
- Retail prices and wages. Report by Mr. Aldrich from the committee on finance, June 19, 1892. Wash., 1892. 1 v. in 3 pt. 8°. (1), 2224 p. (52d Cong. 1st sess. Sen. report, [no.] 986.) [3]
- Rules of the House of Representatives, 52d Congress. Revised to March 21, 1892, with synopsis of rules and marginal index, by the journal clerk of the House. *h.t.p.* [Wash., 1892.] 8°. 40 p. [4]
- School lands in Oklahoma Territory. Report [of] the committee on territories. *n.t.p.* [Wash., 1891.] 8° sheet. (51st Cong. 2d sess. House report, no. 4004.) [3]
- Ship canal from the Great Lakes to the navigable waters of the Hudson River. Report [of the committee on railways and canals]. *n.t.p.* [Wash., 1892.] 8°. 49 p. (52d Cong. 1st sess. House report, no. 1023.) [3]
- Statutes, 1st session, 52d Congress, 1891-92, and recent treaties, *etc.* Wash., 1892. 1. 8°. [1]
- Statutes at large, [52d Congress], Dec. 1891—March 1893. Vol. 27. Wash., 1893. 1. 8°. [1]
- Tariff rates. The tariff act of 1890 compared with the tariff act of 1883 and the Mills bill. 2d ed. Prepared by J. M. Carson. Wash., 1892. 8°. xxix, (108) p. [3]
- Testimony taken before the subcommittee [on] the relief of the Stockbridge and Munsee tribe of Indians in Wisconsin. *n.t.p.* [Wash., 1892.] 8°. 71 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 226.) [3]
- Tin plate,terne plate and taggers' tin. Report [of the committee on ways and means relative to import duty on tin plate, *etc.*]. *n.t.p.* [Wash., 1892.] 8°. 8 p. (52d Cong. 1st sess. House report, no. 1040.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 18 p. (52d Cong. 1st sess. House report, no. 1040, part 2.) [3]
- Transfer of Revenue-Cutter Service. Report [of the committee on naval affairs]. *n.t.p.* [Wash., 1892.] 8°. 18 p. (52d Cong. 1st sess. House report, no. 1677.) [3]
- Report [of the committee on naval affairs on transferring the Revenue-Cutter Service from the Treasury Department to the Navy Department]. *n.t.p.* [Wash., 1892.] 8°. 40 p. (52d Cong. 1st sess. Sen. report, no. 530.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 8 p. (52d Cong. 1st sess. Sen. report, no. 530, part 2.) [3]
- A uniform system of bankruptcy. Report [of the committee on the judiciary]. *n.t.p.* [Wash., 1892.] 8°. 24, 8 p. (52d Cong. 1st sess. House report, no. 1674.) [3]
- *Same.* Views of the minority. *n.t.p.* [Wash., 1892.] 8°. 14 p. (52d Cong. 1st sess. House report, no. 1674, part 2.) [3]
- Views of the minority [of the finance committee on the bill to repeal the tax on the circulation of bank notes]. *n.t.p.* [Wash., 1892.] 8°. 5 p. (52d Cong. 1st sess. Sen. report, no. 608.) [3]

**United States. Congress, continued.**

- Violation of the 14th amendment [of the constitution]. Report [of the committee on the judiciary]. *n.t.p.* [Wash., 1892.] 8°. 11 p. (51st Cong. 2d sess. House report, no. 4009.) [3]
- Violations of the civil-service law at Baltimore. Report [of the select committee on reform in the civil service]. *n.t.p.* [Wash., 1892.] 8°. xiv, 92 p. (52d Cong. 1st sess. House report, no. 1669.) [3]
- Wearing apparel and personal effects admitted free of duty. Report [of the committee on ways and means]. *n.t.p.* [Wash., 1892.] 8°. 4 p. (52d Cong. 1st sess. House report, no. 1537.) [3]
- Wholesale prices, wages and transportation. Report by Mr. Aldrich from the committee on finance. Wash., 1893. 4 pt. 8°. (52d Cong. 2d sess. Sen. report, no. 1394.) [3]
- World's Fair expenditures. Report [of the committee on appropriations]. *n.t.p.* [Wash., 1892.] 8°. xv, 698 p. Folded map. (52d Cong. 1st sess. House report, no. 1454.) [3]
- See Hickcox, J. H.;—Hoar, G. F.;—Leigh, B. W.;—United States. Congress,—Department of the Interior.

(46th Congress. 2d session, Dec. 1879—June 1880.)

- Senate documents. Vol. 8. Wash., 1891. 8°. [2]

(50th Congress. 2d session, Dec. 1888—March 1889.)

- Reports of committees of the Senate. [Vol. 4. Part 2.] Wash., 1889. 8°. [2]
- House miscellaneous documents. Vol. 11, part 1-2; v. 16, 47. Wash., 1889-92. 3 v. 8°, 1 v. 1. 8°. [2]

(51st Congress. 1st session, Dec. 1889—Oct. 1890.)

- Senate executive documents. Vol. 3, 5, 8-9, 11. Wash., 1890. 5 v. 8°. [2]
- Reports of committees of the Senate. Vol. 1-4, 7-10. Wash., 1890. 8 v. 8°. [2]
- Senate miscellaneous documents. Vol. 1-2, 4. Wash., 1890. 3 v. 8°. [2]
- Executive documents. Vol. 1-13, 14 part 1, 16, 18-20, 22, 24, 28, 31-32, 35, 37-38, 44. Wash., 1890-91. 26 v. 8°, 1 v. 1. 8°. [2]
- Reports of committees of the House of Representatives. Vol. 5, 7, 10. Wash., 1891. 3 v. 8°. [2]
- House miscellaneous documents. Vol. 1, 9, 15-16, 24-29, 47. Wash., 1891. 11 v. 8°. [2]

(51st Congress. 2d session, Dec. 1890—March 1891.)

- Reports of committees of the Senate. Vol. 1. Wash., 1891. 8°. [2]
- Executive documents. Vol. 9, 30. Wash., 1891-92. 1 v. 8°, 1 v. 4°. [2]

(52d Congress. 1st session, Dec. 1891—Aug. 1892.)

- Journal of the Senate. Wash., 1892. 4°. [2]
- Journal of the House of Representatives. Wash., 1892. 4°. [2]
- Senate miscellaneous documents. Vol. 4, 7. Wash., 1892. 2 v. 1. 8°. [2]
- Executive documents. Vol. 1, 3-8, 10, 18. Wash., 1892. 8 v. 8°, 1 v. 1. 8°. [2]
- Reports of committees of the House. Vol. 11. Wash., 1892. 8°. [2]
- House miscellaneous documents. Vol. 2, 21, 27-31, 38, 41, 47, 48, 50 part 1, 51, 53, [with atlas]. Wash., 1892. 7 v. 4°, 5 v. 1. 8°, 2 v. 8°, 1 v. 1°. [2]

(52d Congress. 2d session, Dec. 1892—March 1893,  
and special session of the Senate, March-April 1893.)

- Journal of the Senate. Wash., 1893. 4°. [2]
- Journal of the House. Wash., 1893. 4°. [2]
- Senate miscellaneous documents. Vol. 8. Wash., 1893. 1. 8°. [2]

**Constitution.**

- See Bartlett, I.;—Cohn, M. M.;—Hastings, H. P.;—Hoar, G. F.;—United States. Congress.

**Consuls.**

- Reports from consuls. Vol. 39-41. No. 140-151. May 1892—April 1893. Wash., 1892-93. 3 v. 8°. [3]

**United States. Consuls, continued.**

- Special consular reports. Vol. 7-9. Wash., 1891-93. 3 v. in 5. 8°. Illus. [3]

*Contents.*

Vol. 7. The slave trade in foreign countries. — Tariffs of foreign countries.

8. Fire and building regulations in foreign countries.

[9.] Australasian sheep and wool. — Vagrancy and public charities in foreign countries.

- See Seward, G. F.

*Corps of Engineers, U. S. Army.*

- Professional papers. No. 26. Wash., 1892. 4°. Plates. [3]

*Contents.*

No. 26. **Hedges, H. F.** Notes on mitering lock gates.

*Court of Claims.*

- Letter from the assistant clerk of the Court of Claims transmitting conclusions of law and fact relative to spoliation claims under the act approved Jan. 20, 1885, and the names of the vessels, masters and claimants, for the year 1891. *n.t.p.* [Wash., 1892.] 8°. 64 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 5.) [3]
- See Nott, C. C., and Hopkins, A.

*Courts.*

- See Lewis, J. American railroad and corporation reports, v. 5-6; — United States. Congress.

*Department of Agriculture.*

- Artesian and underflow investigation. Wash., 1892. 4 v. 8°. (52d Cong. 1st sess. Sen. doc. 41, part 1-4.) [3]

*Contents.*

Part 1. Report on irrigation and the cultivation of the soil thereby. With maps, illus. and papers, by R. J. Hinton.

2. Final report of the chief engineer, E. S. Nettleton. With maps, diagrams, etc.

3. Final geological reports, by Robert Hay.

4. Final report on the mid-plains division, by special agent, J. W. Gregory; and a special report on certain artesian conditions in South Dakota, by F. F. B. Coffin.

- Farmers' bulletin. No. 10-12. Wash., 1893. 8°. Plates. [3]

*Contents.*

No. 10. **Dewey, L. H.** The Russian thistle and other troublesome weeds in the wheat region of Minnesota and North and South Dakota.

11. **Shaw, T.** The rape plant: its history, culture and uses.

12. **Wiley, H. W.** Nostrums for increasing the yield of butter.

No. 10 is published by the Division of Botany; 11 by the Office of Experiment Stations; 12 by the Division of Chemistry.

- Fiber investigations. Report no. 5. Wash., 1893. 8°. Plates and illus. [3]

*Contents.*

No. 5. **Dodge, C. R.** A report on the leaf fibers of the United States, detailing results of recent investigations relating to Florida sisal hemp, etc.

- *Memorias sobre el uso del maíz en Europa y la posibilidad de extender su consumo.* Por H. W. Wiley [y] B. W. Snow. Wash., 1892. 8°. 24 p. [3]
- *Same.* [In Danish.] Beretning over brugen af Amerikansk majs i Europa. Wash., 1892. 8°. 22 p. [3]
- Progress report on the dairy industry of Denmark by C. C. Georgeson. *A.t.p.* [1893.] 8°. 14 p. [3]
- Report of the agent of the Department for making experiments in the production of rainfall. *n.t.p.* [Wash., 1892.] 8°. 59 p. (52d Cong. 1st sess. Sen. doc., no. 45.) [3]
- Report of the Commissioner, 1875. Wash., 1876. 8°. [3]
- Report of the Secretary, 1892. Wash., 1893. 8°. [3]
- Reports on the diseases of cattle in the United States, with accompanying documents. Wash., 1889. 8°. 190 p. Plate. [3, *Estate of the Hon. Geo. B. Loring.*]
- Studies of parasitic and predaceous insects in New Zealand, Australia, and adjacent islands. By A. Koebele. Wash., 1893. 8°. 39 p. [3]

*(Bureau of Animal Industry.)*

- Bulletin. No. 1-2. Wash., 1893. 8°. Plates. [3]

*Contents.*

No. 1. **Smith, T., and Kilborne, F. L.** Investigations into the nature, causation, and prevention of Texas or southern cattle fever.

2. **Salmon, D. E.** Report upon investigations relating to the treatment of lumpy-jaw, or actinomycosis, in cattle.

**United States. Department of Agriculture. (Bureau of Animal Industry), continued.**

- Special report on the history and present condition of the sheep industry of the United States, prepared by E. A. Carmen and others. Wash., 1892. 8°. 1000 p. Illus. [3]

(Division of Botany.)

- Bulletin. No. 12, part 1; no. 13. Wash., 1890-93. 3 v. 1. 8°. Plates. [3]

*Contents.*

No. 12. [Part 1.] **Vasey, G.** Illustrations of North American grasses. Vol. 1. Part 1. Grasses of the southwest.

13. — *Same*, Vol. 2. Grasses of the Pacific slope, including Alaska and the adjacent islands. Part 1-2.

- Contributions from the U. S. national herbarium. Vol. 1, no. 3-7, Nov. 1, 1890—July 15, 1893. Wash., 1890-93. 8°. Illus. [3]

*Contents.*

Vol. 1. No. 3. **Vasey, G., and Rose, J. N.** List of plants collected by Edward Palmer in 1890 in lower California and western Mexico at La Paz, San Pedro Martin Island, Raza Island, Santa Rosalia and Santa Agueda, Guaymas. 4. **Rose, J. N.** List of plants collected by Edward Palmer in 1890 in western Mexico and Arizona at Alamos, Arizona. 5. — List of plants collected by Edward Palmer in 1890 on Carmen Island; — **Rose, J. N., and others.** List of plants collected by the Albatross in 1887-91 along the western coast of America; — **Fisher, E. M.** Revision of the North American species of *hoffmanseggia*; — **Clark, J. A.** Systematic and alphabetic index of new species of North American phanerogams and pteridophytes, published in 1891. 6. **Holinger, J. M.** List of plants collected by C. S. Sheldon and M. A. Carleton in 1891; — **Carleton, M. A.** Observations on the native plants of Oklahoma Territory and adjacent districts. 7. **Clark, J. A.** Systematic and alphabetic index to new species of North American phanerogams and pteridophytes, published in 1892.

(Division of Chemistry.)

- Bulletin. No. 13, part 8; 35-37. Wash., 1892-93. 8°. [3]

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No. 13. Foods and food adulterants. Part 8. **McElroy, K. P.** Canned vegetables.

35. **Association of Official Agricultural Chemists.** Proceedings, 9th annual convention, Washington, Aug. 25-27, 1892.

36. **Wiley, H. W., and Maxwell, W.** Experiments with sugar beets in 1892.

37. **Wiley, H. W.** Record of experiments with sorghum in 1892.

(Division of Entomology.)

- Bulletin. No. 28-30. Wash., 1892. 8°. Illus. [3]

*Contents.*

No. 28. **Brunner, L.** The more destructive locusts of America north of Mexico.

29. **Mally, F. W.** Report on the boll worm of cotton.

30. Reports of observations and experiments in the practical work of the division, made under the direction of the Entomologist.

- Periodical bulletin. Sept. 1892—July 1893. Insect life. Vol. 5. Wash., 1893. 8°. Illus. [3]

(Division of Forestry.)

- Bulletin. No. 2. 2d ed. Wash., 1889. 8°. 252, (1) p. Folded map and plates. [3]

*Contents.*

No. 2. Report on the forest conditions of the Rocky Mountains, and other papers.

- *Same*. No. 7-8. Wash., 1893. 8°, 4°. Plates. [3]

*Contents.*

No. 7. **Fernow, B. E., and others.** Forest influences.

8. **Fernow, B. E.** Timber physics. Part 2. Progress report.

- Circular no. 7-8. *n.t.p.* [Wash., 1891.] 8°. [3]

- Report of the Chief of the Division, 1892. By B. E. Fernow. Wash., 1893. 8°. [3]

(Division of Microscopy.)

- Food products, 1-2. Wash., 1891-93. 8°. Illus. [3]

*Contents.*

1. **Taylor, T.** Twelve edible mushrooms of the United States, with directions for their identification and their preparation as food.

2. — Eight edible and twelve poisonous mushrooms of the United States, with directions for the culture and culinary preparation of the edible species.

- Report of the Microscopist, 1892. By Thomas Taylor. Wash., 1893. 8°. Plates. [3]

United States. *Department of Agriculture, continued.**(Division of Ornithology and Mammalogy.)*

- Bulletin. No. 3. Wash., 1893. 8°. 210 p. Plates. [3]

*Contents.*

No. 3. **Fisher, A. K.** The hawks and owls in the United States in their relation to agriculture.

- North American fauna. No. 7. Wash., 1893. 8°. Folded map and plates. [3]

*Contents.*

No. 7. **Fisher, A. K., and others.** The Death Valley expedition: biological survey of parts of California, Nevada, Arizona and Utah. Part 2.

*(Division of Records and Editing.)*

- Report of the Chief of the Division, 1892. By G. W. Hill. Wash., 1893. 8°. [3]

*(Division of Statistics.)*

- Miscellaneous series. Report no. 5-7. Wash., 1893. 8°. Folded map. [3]

*Contents.*

No. 5. Production and distribution of the principal agricultural products of the world.

6. **Austin, A. Kice,** its cultivation, production and distribution in the United States and foreign countries. With a chapter on the rice soils of South Carolina by Milton Whitney.

7. **Heyt, J. W.** An agricultural survey of Wyoming.

- Report of the Statistician. [New series. No. 99-107.] Sept. 1892—Aug. 1893. Wash., 1892-93. 8°. [3]

- Report on the condition of growing crops, etc., Aug.-Dec. 1892; March 1893. Wash., 1892-93. 8°. [3]

- Report upon the numbers and values of farm animals, and on cotton distribution. Jan.-Feb. 1893. Wash., 1893. 8°. 20 p. [3]

*(Division of Vegetable Pathology.)*

- Bulletin no. 2-4. Wash., 1892-93. 8°. Folded sheets and plates. [3]

*Contents.*

No. 2. **Pierce, N. B.** The California vine disease. Preliminary report of investigations.

3. **Galloway, B. T.** Report on the experiments made in 1891 in the treatment of plant diseases.

4. **Smith, E. F.** Experiments with fertilizers for the prevention and cure of peach yellows.

- [Periodical bulletin.] Vol. 7, no. 1-3. [1891-93.] Wash., 1891-93. 8°. Plates. [3]

*Contents.*

Vol. 7, no. 1-3. The Journal of Mycology.

- Report of the Chief of the Division, 1890. By B. T. Galloway. Wash., 1891. 8°. Plates. [3]

*(Office of Experiment Stations.)*

- Bulletin, no. 11, 13. Wash., 1892-93. 2 v. 8°. [3]

*Contents.*

No. 11. **Jenkins, E. H., and Winton, A. L.** A compilation of analyses of American feeding stuffs.

13. Organization lists of the agricultural experiment stations and agricultural schools and colleges in the United States, April 1893.

- Circular no. 1, 8, 11, 17-20, 22. *h.t.p.* [Wash., 1889-91.] 8°. [3]

*Contents.*

No. 1. List of agricultural experiment stations in the United States, with addresses.

8. Explanations and directions for soil tests with fertilizers, March 1889.

11. Rules for naming vegetables. Report of committee of experiment station horticulturists, Sept. 1889.

17. Letters to manufacturers of spray machinery.

18. List of originators of fruits and vegetables in the United States, with addresses and names of specialties.

19. Experiments with fertilizers on fruits and vegetables, to study the feeding capacities of the plants and the variations due to the action of fertilizers.

20. Organization list of the agricultural experiment stations in the United States, June 1891.

22. Subject index of the literature of agricultural experiment stations and kindred institutions.

*Department of the Interior.*

- Abstract of suspended land entries. Letter from the Secretary transmitting a list of entries of public lands adjudicated by the Commissioner of the General Land Office, and confirmed by the Board of Equitable Adjudication, for the year ending June 30, 1891. *n.t.p.* [Wash., 1892.] 8°. 92 p. (52d Cong. 1st sess. Exec. doc., no. 100.) [3]

**United States. Department of the Interior, continued.**

- *Same.* For the year ending June 30, 1892. *n.t.p.* [Wash., 1893.] 8°. 154 p. (52d Cong. 2d sess. Exec. doc., no. 208.) [3]
- Annual report of the Secretary, June 30, 1892, v. 1-2. Wash., 1892. 2 v. 8°. Folded map. [3]
- Decisions in cases relating to pension claims, and the laws granting and governing pensions. Vol. 4-5. [1891-92.] Ed. by George Baber. Wash., 1891-92. 2 v. 8°. [3]
- Finding list, showing where in the congressional documents the individual volumes of certain series of government publications are found. Prepared by J. G. Ames. *h.t.p.* [Wash., 1892-93.] 8°. 52 p. [3]
- Letter from the Secretary transmitting a report of examination and review of the Census Office. *n.t.p.* [Wash., 1892.] 8°. 32 p. Illus. (52d Cong. 1st sess. Sen. doc., no. 69.) [3]
- Letter from the Secretary transmitting the report of the Maritime Canal Company of Nicaragua. *n.t.p.* [Wash., 1892.] 8°. 6 p. (52d Cong. 1st sess. Sen. exec. doc., no. 4.) [3]
- List of congressional documents, 15th-51st Congress, and of government publications, containing debates and proceedings, 1st-51st Congress, with miscellaneous lists of public documents, *etc.* Prepared by J. G. Ames. Wash., 1892 8°. 120 p. [3]
- Message from the President of the United States transmitting certain reports upon the condition of the Navajo Indian country. Wash., 1893. 8°. 50 p. Folded plans. (52d Cong. 2d sess. Sen. doc., no. 68.) [3]
- Orders, instructions, *etc.*, relating to the efficiency record and examinations for promotions in the Department of the Interior. Jan. 1893. Wash., 1893. 8°. 18 p. [3]
- Register containing a list of persons employed in the Department appointed by the President or by the Secretary of the Interior. Corrected to Jan. 23, 1893. Wash., 1893. 8°. viii, 249 p. [3]
- Report of assistant secretary to the Secretary of the Interior, 1892, [on pension appeals and purchase of Indian supplies]. Wash., 1892. 8°. 12 p. [3]
- Report of the Secretary, 1878, [part 2]; June 30, 1887, v. 3, part 1-2; June 30, 1889, v. 4, part 1-2; Annual report, June 30, 1890, v. 1-3. Wash., 1878-90. 6 v. in 8. 8° and 1. 8°. Folded maps, plates. [3]
- Report regarding the receipt, distribution, and sale of public documents on behalf of the government, 1891-92. Wash., 1893. 8°. [3]

*Department of Labor.*

- 7th annual report of the Commissioner of Labor, 1891. Cost of production: the textiles and glass. Wash., 1892. 3 pt. in 2 v. 8°. [3]
- 2d-3d special report. Prepared under the direction of C. D. Wright. Wash., 1892-93. 2 v. 8°. [3]

*Contents.*

2d. Labor laws of the various states, territories, and the District of Columbia.

3d. Analysis and index of all reports issued by Bureaus of Labor Statistics in the United States prior to Nov. 1, 1892.

*Department of the Navy.*

- Annual report of the Secretary, 1851, 53-58, 60-62, 64-66, 69-74, 76-77, 92. Wash., 1851-77, 92. 21 v. 8°. [3]

Nearly all these reports form part of the collected documents presented to Congress at the commencement of the session.

- Articles for the government of the navy. *h.t.p.* [Wash., 189-] 8°. 17 p. [3]
- Letter from the Secretary transmitting report relative to alleged defect in castings furnished by the Standard Steel Casting Company. *n.t.p.* [Wash., 1892.] 8°. 48 p. (51st Cong. 2d sess. Sen. exec. doc., no. 74.) [3]
- List and station of the commissioned and warrant officers of the navy, and of the marine corps on the active list, July 15, 1893. Wash., 1893. 8°. 56 p. [3]
- Register of the commissioned and warrant officers of the navy of the United States and of the marine corps, Jan. 1, 1893. Wash., 1893. 8°. 186 p. [3]

*United States. Department of the Navy, continued.*

- Regulations for the government of the navy of the United States, 1893. Wash., 1893. 8°. viii, (1), 692 p. [3]
- Supplement to the catalogue of the Department library. Author and title alphabet. Additions, Sept. 1890-92. Wash., 1892. f°. 90 p. [3]

*Department of the Post Office.*

- An additional argument by the Postmaster-General in favor of the establishment of postal savings depositories, with appendices. *n.t.p.* [Wash., 1892.] 8°. 71 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 136.) [3]
- Annual report of the Postmaster-General, June 30, 1892. Wash., 1892. 8°. [3]
- Conference of postmasters at Washington, D. C. Letter from the Postmaster-General transmitting certain information to the House of Representatives. *n.t.p.* [Wash., 1892.] 8°. 29 p. (52d Cong. 1st sess. Exec. doc., no. 196.) [3]
- Daily bulletins of orders affecting the postal service. Vol. 13. Jan. 2-Dec. 31, 1892. No. 3609-3914. [Wash., 1892.] f° sheets. [3]
- Letter from the Postmaster-General relative to the extension of the free delivery system to rural districts. *n.t.p.* [Wash., 1892.] 8°. 180 p. (52d Cong. 1st sess. Sen. doc., no. 92.) [3]
- Letter from the Postmaster-General submitting the record of the proceedings of the Convention of Postmasters of certain offices, Washington, March 9, 1892, to study plans to advance the efficiency and increase the revenue of the department. *n.t.p.* [Wash., 1892.] 8°. 28 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 166.) [3]
- Letter from the Postmaster-General transmitting reports touching Confederate records in the hands of private parties. *n.t.p.* [Wash., 1890.] 8°. 11 p. (51st Cong. 2d sess. Sen. doc., no. 7.) [3]
- The postal laws and regulations of the United States. Revised. Wash., 1893. 8°. 526 p. [3]
- Report of the First Assistant Postmaster-General, June 30, 1892. Wash., 1892. 8°. [3]
- Report of the Second Assistant Postmaster-General, 1892. Wash., 1892. 8°. [3]
- Report of the Third Assistant Postmaster-General, June 30, 1892. Wash., 1892. 8°. [3]
- Report of the Fourth Assistant Postmaster-General, June 30, 1892. Wash., 1892. 8°. Folded sheets. [3]
- United States official postal guide. 2d series. Vol. 14, no. 1, 4-12; v. 15, no. 1-8. Jan., April-Dec. 1892; Jan.-Aug. 1893. Phila., 1892-93. 8°. [3]
- See Cushing, M.

*Department of State.*

- Commercial agreements made with other countries. *n.t.p.* [Wash., 1892.] 8°. 151 p. (52d Cong. 1st sess. Sen. doc., no. 119.) [3]
- Commercial relations of the United States with foreign countries, 1890-91. Annual reports of consuls. Wash., 1892. 8°. [3]
- Communication of the Secretary regarding the effect of the pending bill to restrict immigration upon the treaty relations with other countries. *n.t.p.* [Wash., 1893.] 8°. 11 p. (52d Cong. 2d sess. Sen. doc., no. 25.) [3]
- [Correspondence] relative to the claim of the Venezuela Steam Navigation Company. *n.t.p.* [Wash., 1892.] 8°. 105 p. (52d Cong. 1st sess. Sen. doc., no. 79.) [3]
- The Department of State of the United States: its history and functions. [By Gaillard Hunt.] Wash., 1893. 8°. vi, 212 p. [3]
- Letter from the Secretary relative to a Peace Conference of the governments of the world to sit in Chicago during the Columbian Exposition. *n.t.p.* [Wash., 1892.] 8°. 11 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 163.) [3]
- Letters rogatory in foreign countries. Message from the President of the United States transmitting report of the Secretary and accompanying documents. *n.t.p.* [Wash., 1892.] 8°. 29 p. (51st Cong. 2d sess. Exec. doc., no. 281.) [3]

*United States. Department of State, continued.*

- List of books and pamphlets received at the library of the Department, May 27—June 30, 1893, supplemented by a list of periodicals and newspapers now currently received. New series, no. 1—[4]. *h.t.p.* [Wash., 1892-93.] sm. 4°. [3]
- Message from the President relative to the agreement between the United States and Great Britain concerning the naval forces to be maintained on the Great Lakes. *n.t.p.* [Wash., 1892.] 8°. 59 p. (52d Cong. 2d sess. Sen. doc., no. 9.) [3]
- Message from the President transmitting the correspondence in relation to the non-acceptance of Hon. Henry W. Blair as minister to China, etc., with the memorial of Mr. Blair. Wash., 1892. 8°. 25 p. (52d Cong. 1st sess. Sen. doc., no. 98.) [3]
- Official correspondence of the government of the United States and China relating to the acts of Congress forbidding immigration of Chinese and the treaty stipulations between the two countries. *n.t.p.* [Wash., 1893.] 8°. 43 p. (52d Cong. 2d sess. Sen. doc., no. 54.) [3]
- Papers relating to foreign affairs, [accompanying the annual message of the President to the 3d session, 37th Congress, 1862-63.] *n.t.p.* [Wash., 1863.] 8°. [3]
- Papers relating to the annexation of the Hawaiian Islands to the United States. Wash., 1893. 8°. 192 p. [3]
- Papers relating to the foreign relations of the United States, with the annual message of the President, Dec. 1891-92. Wash., 1892-93. 2 v. 8°. Folded map. [3]
- Register. Corrected to Sept. 1, 1892-93. Wash., 1892-93. 2 v. 8°. [3]
- Regulations for the consular courts of the United States in Korea. *n.t.p.* [Wash., 1892.] 8°. 31 p. (52d Cong. 1st sess. Exec. doc., no. 104.) [3]
- [Report from the Secretary, with correspondence] relative to the draft of an uncompleted treaty with Hawaii. *n.t.p.* [Wash., 1893.] 8°. 14 p. (52d Cong. 2d sess. Sen. doc., no. 45.) [3]
- Report of the Secretary regarding certain claims provided for by a convention between the United States and Mexico. *n.t.p.* [Wash., 1892.] 8°. 10 p. (52d Cong. 1st sess. Sen. doc., no. 20.) [3]
- The seal of the United States: how it was developed and adopted. By Gaillard Hunt. Wash., 1892. 8°. 32 p. Illus. [3]

1000 copies printed, of which this is no. 118.

*Department of the Treasury.*

- An account of the receipts and expenditures for the fiscal year ending June 30, 1889—June 30, 1890. Wash., 1893. 2 v. 8°. [3]
- Annual report of the First Auditor to the Secretary of the Treasury, June 30, 1892. Wash., 1892. 8°. [3]
- Annual report of the Second Auditor, 1892. Wash., 1892. 8°. [3]
- Annual report of the Fourth Auditor, June 30, 1892. Wash., 1892. 8°. [3]
- Annual report of the Fifth Auditor, June 30, 1892. Wash., 1892. 8°. [3]
- Annual report of the First Comptroller, June 30, 1892. Wash., 1892. 8°. [3]
- Annual report of the Second Comptroller, June 30, 1892. Wash., 1892. 8°. [3]
- Annual report of the Register, June 30, 1892. Wash., 1892. 8°. [3]
- Annual report of the Secretary on the state of the finances for the year 1892. Wash., 1892. 8°. [3]
- Annual report of the Treasurer, 1892. Wash., 1892. 8°. [3]
- Annual reports of the Auditor of the Treasury for the Post-Office Department to the Secretary of the Treasury and to the Postmaster-General, June 30, 1892. Wash., 1892. 8°. [3]
- Banks in the United States. Letter from the Secretary transmitting annual report on the banks in the United States, Dec. 31, 1862. *h.t.p.* [Wash., 1863.] 8°. 211 p. (37th Cong. 3d sess. Exec. doc., no. 26.) [1]
- *Same.* Annual report on the condition of the banks in the United States, [Dec. 22], 1863. Wash., 1863. 8°. viii, 225 p. [1]

United States. *Department of the Treasury, continued.*

- A brief history of the coinage legislation in the United States. Wash., 1891. 8°. 20 p. [3]
- Combined statement of the receipts and disbursements, apparent and actual, of the United States, June 30, 1890-92. *h.t.p.* [Wash., 1890-92.] 4°. [3]
- Digest of the decisions of the Second Comptroller. Compiled by George Chipman. Continued by J. W. Butterfield. Wash., 1865. 8°. viii, 279 p. [1]
- *Same.* Vol. 3. 1884-93. [By] B. F. Gilkeson. Compiled by J. Q. Kern. Wash., 1893. 8°. 508 p. [3]
- Examinations in the Department. Report of the Board of Examiners, 1892. Wash., 1893. 8°. [3]
- Expenditures for the enforcement of the contract labor laws. Letter from the acting Secretary of the Treasury. *n.t.p.* [Wash., 1892.] 8°. 9 p. (52d Cong. 1st sess. Exec. doc., no. 162.) [3]
- Immigration laws and regulations, April 25, 1893. Wash., 1893. 8°. 16 p. [3]
- Letter from the Acting Secretary of the Treasury relative to line-carrying projectiles and the means of propelling them. *n.t.p.* [Wash., 1892.] 8°. 12 p. (52d Cong. 1st sess. Sen. doc., no. 22.) [3]
- Letter from the Acting Secretary submitting a statement relative to the appropriation for salaries of light-keepers. *n.t.p.* [Wash., 1892.] 8°. 22 p. (52d Cong. 1st sess. Sen. doc., no. 38.) [3]
- Letter from the Secretary relative to banking statistics of state banks, banking institutions, savings banks and national banks, etc., 1830-63. *n.t.p.* [Wash. 1893.] 8°. 119 p. (52d Cong. 2d sess. Sen. doc., no. 38, part 1.) [3]
- Letter from the Secretary relative to the purchase of silver under the act of July 14, 1890. *n.t.p.* [Wash., 1892.] 8°. 69 p. (52d Cong. 1st sess. Sen. doc., no. 78.) [3]
- Letter from the Secretary transmitting estimates of appropriations required for the service of the fiscal year ending June 30, 1894. Wash., 1892. 4°. [3]
- Letter from the Secretary transmitting reports of special agents to the seal islands, [1891-92]. *n.t.p.* [Wash., 1893.] 8°. 140 p. Folded chart and illus. (52d Cong. 2d sess. Sen. doc., no. 107.) [3]
- Report of the Supervising Special Agent to the Secretary of the Treasury, June 30, 1892. Wash., 1892. 8°. [3]
- Special report by Ira Ayer relative to the manufacture of tin and terne plates, etc.; also, supplementary report of the present state of tin mining in the United States, April 26, 1892. Wash., 1892. 8°. 47 p. (52d Cong. 1st sess. Sen. doc., no. 102.) [3]
- Special report by Ira Ayer, showing the production of tin and terne plates in the United States during the fiscal year ended June 30, 1892, etc. Also a brief statement relative to the production and development of the tin mines of the United States. Wash., 1892. 8°. 22 p. [3]
- *Same.* During the quarter ended Sept. 30, Dec. 31, 1892. Wash., 1892-93. 8°. [3]
- Specie resumption and refunding of national debt. Letter from the Secretary of the Treasury transmitting letters and documents pertaining to resumption of specie payments, etc. *n.t.p.* [Wash., 1879.] 8°. 992 p. (46th Cong. 2d sess. Exec. doc., no. 9.) [1]
- Statement of the public debt and of the cash in the treasury of the United States, Sept. 1892—Aug. 1893. [Wash., 1892-93.] Broad-sides. [3]
- Synopsis of the decisions of the Treasury and Board of U. S. General Appraisers on the construction of the tariff, navigation, and other laws, for 1892. Wash., 1893. 2 v. 8°. [3]
- See Kinley, D.;—Lincoln, L.;—United States. *Congress.*  
(*Warrant Division.*)
- Digest of appropriations for the support of the government, June 30, 1893-94; and of deficiencies for prior years. Wash., 1892-93. 2 v. 4°. [3]

United States, *continued.**Department of War.*

- Cavalry drill regulations, United States army, Oct. 3, 1891. Wash., 1891. 32°. 534 p. Illus. [3]
- Civilian employes of the army. Letter from the Acting Secretary of War transmitting a list of employes, with the amount paid to each. *n.f.p.* [Wash., 1892.] 8°. 48 p. (52d Cong. 1st sess. Exec. doc., no. 19.) [3]
- Employes of the War Department. Letter from the Secretary of War transmitting a list of employes, Dec. 1, 1889—Nov. 30, 1890, and sums paid to each, *etc.* *n.f.p.* [Wash., 1891.] 8°. 69 p. (51st Cong. 2d sess. Exec. doc., no. 197.) [3]
- Infantry drill regulations, United States army, Oct. 3, 1891. Wash., 1891. 32°. 353 p. Illus. [3]
- Light artillery drill regulations, United States army, Oct. 3, 1891. Wash., 1891. 32°. 567 p. [3]
- Manual of callisthenic exercises. Wash., 1892. 32°. vii, 54 p. [3]
- Military Information Division. No. 1. The Hawaiian Islands. Report on the physical features, ports of landing, supplies, *etc.* Compiled for the army. Wash., 1893. sm. 4°. 34 p. Folded maps. [3]
- Register of the War Department, March 16, 1893. Wash., 1893. 9°. 201 p. [3]
- [Report of the Secretary, 1863, 55-62, 65, part 1]; Annual report, 1892, v. 2 (in 4 pt.). Wash., 1853-92. 15 v. 8°, f°. [3]

The reports for 1863, 55-63, are parts of the "Messages from the President of the United States to the two Houses of Congress."

- Troops in campaign. Regulations for the army of the United States. Wash., 1892. 32°. 54 p. Folded diagram. [3]
- The war of the rebellion: a compilation of the official records of the Union and Confederate armies. By G. B. Davis, [and others]. Series 1. Vol. 40-41. Wash., 1892-93. 2 v. in 7. 8°. [3]
- Atlas to accompany the official records of the Union and Confederate armies, [1861-65]. Compiled by C. D. Cowles. Part 8-14, 17-18. Wash., 1892-93. 10 v. f°. [3]

*Electrical Commission of the District of Columbia.*

- Report of the Electrical Commission appointed to consider the location, arrangement and operation of electric wires in the District of Columbia. Wash., 1892. 8°. 151 p. Folded maps, plates and illus. (52d Cong. 1st sess. Exec. doc., no. 15.) [3]

*Freedmen's Hospital.*

- Report to the Secretary of the Interior, 1892. [C. B. Purvis, Surgeon-in-Chief.] Wash., 1892. 8°. [3]

*General Land Office.*

- Coal-land law and regulations thereunder, July 31, 1882. Reprint. [Wash., 1892.] 8°. 9 p. [3]
- Decisions of the Department of the Interior and General Land Office in cases relating to the public lands, June 30—Dec. 31, 1892. Vol. 15. Ed. by S. V. Proudfit. Wash., 1893. 8°. [3]
- [Report of the Commissioner, 1851. Wash., 1851.] 8°. [3]

This report is a part of the "Message from the President of the United States to the two Houses of Congress at the commencement of the 1st session, 53d Congress."

- United States mining laws, and regulations thereunder. Approved Dec. 10, 1891. [Reissued May 16, 1893. Wash., 1893.] 8°. 39 p. [3]

*Geographical and Geological Survey of the Rocky Mountain Region, J. W. Powell in charge.*

- Contributions to North American ethnology. Vol. 7. Wash., 1890. 4°. [3]

*Contents.*

Vol. 7. Riggs, S. R. A Dakota-English dictionary.

United States, *continued.**Geological and Mineralogical Survey of the Mineral Lands of the United States in Michigan.*

- Report, made under the authority of an act of Congress, approved March 1, 1847, by C. T. Jackson, geologist. *n.t.p.* Wash., 1849. 8°. (565) p. Folded maps. [3]

Pages 371-935 of Sen. doc 1, part 3, 31st Congress, 1st session.

*Geological Survey, J. W. Powell, director.*

- 11th annual report, 1889-90. Wash., 1891. 2 v. 1. 8°. Maps and illus. [3]

*Contents.*

- 11th. Part 1. Annual report of the director. — Administrative reports. — *Meece*, W. J. The pleistocene history of northeastern Iowa. — *Phimney*, A. J. The natural gas field of Indiana. — Index. Part 2. **United States. Irrigation Survey.** 3d annual report, 1890-91.

- Bulletin. No. 82-85, 90-96. Wash., 1891-92. 11 v. 8°. Folded maps. [3]

*Contents.*

- No. 82. **White**, C. A. Correlation papers, Cretaceous.
- 83. **Clark**, W. B. Correlation papers, Eocene. [With a bibliography.]
- 84. **Dall**, W. H., and **Harris**, G. D. Correlation papers, Neocene.
- 85. **Russell**, I. C. Correlation papers, the Newark system.
- 90. **Clarke**, F. W. Report of work done in the Division of Chemistry and Physics during the fiscal year 1890-91.
- 91. **Barton**, N. H. Record of North American geology for 1890.
- 92. **Barnes**, C. The compressibility of liquids.
- 93. **Seander**, S. H. Some insects of special interest from Florissant, Colorado, and other points in the tertiaries of Colorado and Utah.
- 94. **Barnes**, C. The mechanism of solid viscosity.
- 95. **Holden**, E. S. Earthquakes in California, 1890-91.
- 96. **Barnes**, C. The volume thermodynamics of liquids.

- Letter from the Acting Secretary of the Interior relative to reports of the Geological Survey upon irrigation and reclamation of lands. *n.t.p.* [Wash., 1892.] 8°. 73 p. (52d Cong. 1st sess. Sen. doc., no. 100.) [3]
- Monographs. Vol. 17-18, 20. Wash., 1892. 3 v. 4°. Plates. [3]

*Contents.*

- Vol. 17. **Lesquereux**, L. The flora of the Dakota group.
- 18. **Whitfield**, R. P. Gastropoda and cephalopoda of the Raritan clays and green sand marls of New Jersey.
- 20. **Hague**, A. Geology of the Eureka District, Nevada. With an atlas.

- The production of iron ores in 1891. By John Birkinbine. Wash., 1892. 8°. 37 p. Folded plate. [3]
- Suggestions for the preparation of manuscript and illustrations for publication by the Geological Survey. By W. A. Croffut. Jan. 1892. *h.t.p.* [1892.] 8°. 15 p. [3]
- [Topographical atlas of the United States. Henry Gannett, chief geographer. Wash., 1892-93.] Scale,  $\frac{1}{250,000}$  and  $\frac{1}{500,000}$ . 46 sheets. [3]
- Twenty years of progress in the manufacture of iron and steel in the United States. By J. M. Swank. Wash., 1893. 8°. (28) p. [3, *James M. Swank*]

*(Division of Mining Statistics and Technology.)*

- Mineral products of the United States, 1880-91. [Wash., 1892.] Broadside. [3]
- Mineral resources of the United States, 1891. Wash., 1893. 8°. Folded chart. [3]

*Geological Survey of Nebraska and Adjacent Territories.*

- Final report. By F. V. Hayden. Wash., 1872. 8°. 284, (17) p. Folded map, plates. [3]

*Government Hospital for the Insane.*

- Report to the Secretary of the Interior, 1892. Wash., 1892. 8°. [3]

*Government Printing Office.*

- Annual report of the Public Printer for the fiscal year ending June 30, 1892. Wash., 1893. 8°. [3]

*Hydrographic Office.*

- Annual report of the Hydrographer for the fiscal year ending June 30, 1892. Wash., 1892. 8°. [3]

**United States. Hydrographic Office, continued.**

- Coasts of the Mediterranean Sea, part 1; Coasts and islands of the Mediterranean Sea, part 2. Wash., 1875-78. 2 v. 8°. Folded plates. ([Publ.], no. 37-38.) [3]

*Contents.*

- Part 1. S. and S. E. coasts of Spain from Mala Bahia to Cape Creux, Balearic Islands, and N. coast of Africa from Ceuta to La Cala. By H. H. Gorringe.
- 2. South coast of France; west coast of Italy; Tuscan archipelago; Corsica and Sardinia. By H. H. Gorringe [and] Seaton Schroeder.

- *Same.* Supplement. 3d ed. Part 1-4. Wash., 1892. 8°. (Publ., no. 37-38, 42, 68.) [3]
- Hydrographic bulletin. Weekly. No. 162-212, Oct. 5, 1892—Sept. 20, 1893. [Wash., 1892-93.] Broad-sides. [3]
- Indian Ocean, including the Java Sea, Sulu Sea, Aduera Sea, and the Philippine Islands. [Supplements, no. 1-3.] Wash., 1892. 8°. (37) p. (Publ., no. 85.) [3]
- List of lights of the world. Vol. 2. South and east coasts of Asia and Africa and the East Indies, including Australia, Tasmania, and New Zealand. Corrected to June 1892. Wash., 1892. 8°. 163, xv p. (Publ., no. 31.) [3]
- List of reported dangers in the North Pacific Ocean. [Supplement no. 2. Nov. 1891.] Wash., 1891. 8°. 29 p. ([Publ.], no. 41.) [3]
- The methods and results of the survey of the west coast of Lower California, by the officers of the U. S. S. "Ranger," 1889-90. Wash., 1892. 8°. 237 p. Folded charts, maps and illus. ([Publ., no.] 101.) [1]
- The navigation of the Caribbean Sea and Gulf of Mexico. Vol. 1. 3d ed. Wash., 1892. 8°. x, 565 p. Folded map. ([Publ.], no. 86.) [3]

*Contents.*

- Vol. 1. Ray, R. C. The West India Islands, including the Bermuda Islands and the Bahama Banks.

- The navigation of the Pacific Ocean, China Seas, and connecting waters. Tr. from the French of F. Labrosse. Wash., 1893. 8°. 251 p. ([Publ.], no. 58.) [3]
- Notices to mariners, 1892. [53 nos.] Wash., 1892. 8°. [3]
- Pilot chart of the North Atlantic Ocean, Oct. 1892—Sept. 1893. Wash., [1892-93]. Broad-sides. [3]
- *Same.* [Supplement to Nov. 1892.] The hurricane of Nov. 21-28, 1888, off the Atlantic coast of the United States. Wash., [1892]. f° sheet. [3]
- *Same.* [Supplement to Jan. 1893.] Transatlantic steamship routes. Wash., [1893]. f° sheet. [3]
- Report of the results of the survey for the purpose of determining the practicability of laying a telegraphic cable between the United States and the Hawaiian Islands. [By Richardson Clover] Wash., 1892. 4°. 28 p. Folded map, plates and illus. (52d Cong. 1st sess. Sen. doc., no. 153.) [3]
- Sailing directions for English Channel. Part 1-2. Wash., 1872-77. 2 v. 8°. v, (1), 255 p.; viii, 598 p. Folded maps. ([Publ.], no. 34-35.) [3]

*Contents.*

- Part 1. South coast of England.

- 2. North coast of France and Channel Islands. By A. C. Baker.

- *Same.* Part 1. Supplement [no. 1]. 2d ed. [Oct. 1889.] *A.t.p.* [Wash., 1889.] 8°. 14 p. [3]
- *Same.* Supplement no. 2. [Nov. 1891.] Wash., 1891. 8°. 20 p. [3]
- *Same.* [Part 2.] Supplements. 2d ed. [No. 1]-2. Wash., 1892. 8°. 8, 7 p. [3]
- Sailing directions for Gulf and River St. Lawrence and Cape Breton Island. By R. H. Orr. Wash., 1891. 8°. viii, 271 p. Folded map and sheet. ([Publ.], no. 100.) [3]
- Sailing directions for Nova Scotia, Bay of Fundy, and south shore of Gulf of St. Lawrence. Compiled by R. H. Orr. Wash., 1891. 8°. viii, 305 p. Folded map and sheet. ([Publ.], no. 99.) [3]
- Submarine cables. Instruments and implements employed in cable survey. Theory of cable laying, *etc.* Wash., 1892. 8°. 67 p. Folded map, plates. ([Publ.], no. 103.) [3]

*United States. Hydrographic Office, continued.*

- The west coast of South America, comprising Magellan Strait, Tierra del Fuego, and the outlying islands. Revised by R. C. Ray. Wash., 1890. 8°. x, 379 p. Map. ([Publ.], no. 89.) [3]
- Same. Supplement. 2d ed. Wash., 1892. 8°. 15 p. (Publ., no. 89.) [3]
- Wreck chart of the North Atlantic coast of America, [1887-91]. Wash., 1893. Broadside. [3]

*Inspector-General of the Army.*

- Annual report to the Secretary of War for the year 1892. Wash., 1892. 8°. 696 p. Folded returns. [3]
- Annual reports to the Major-General commanding the Army, to the Secretary of War, also inspection report, Soldiers' Home, [1891-92], etc. [Wash., 1891-92.] 2 v. 8°. [3]

*Interstate Commerce Commission.*

- 6th annual report, Dec. 1, 1892. Wash., 1892. 8°. [3]
- 3d-4th annual report on the statistics of railways in the United States, June 30, 1890-91. Wash., 1891-92. 2 v. 8°. Folded map and diagrams. [3]
- Relations of railway companies and their employés. Appendix G, 6th annual report, Dec. 1, 1892. Wash., 1893. 8°. (35) p. [3]

*Judge-Advocate-General.*

- Report of the Acting Judge-Advocate-General to the Secretary of War, 1892. Wash., 1892. 8°. [3]

*Library of Congress.*

- List of books, pamphlets, and periodicals relating to banking and finance in the United States. *n.f.p.* [Wash., 1892.] 8°. 10 p. [3]
- Memorial of George F. Curtis, law librarian of Congress, praying for the preparation, printing, and distribution of a subject and authors catalogue of the law library of Congress. *n.f.p.* [Wash., 1892.] 8°. 12 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 104.) [3]
- See Rice, W. W.; — United States. *Office of the Chief of Engineers.*

*Life-Saving Service.*

- Annual report of operations for the fiscal year ending June 30, 1890-91. Wash., 1892-93. 2 v. 8°. Plates. [3]
- Official register, July 1, 1892. With post-office addresses. Wash., 1892. 8°. [3]
- See, back, *Congress.*

*Light-House Board.*

- Annual report, June 30, 1892. Wash., 1892. 8°. Folded plates and maps. [3]
- Bulletin of recent changes in aids to navigation. No. 17-23. Oct. 1, 1892—Sept. 1, 1893. [Wash., 1892-93.] 4°. [3]
- List of beacons, buoys, and day-marks in the 1st light-house district. From the northeast boundary of the United States to Hampton Harbor, N. H. Corrected to May 1, 1892. Wash., 1892. 1. 8°. 108 p. [3]
- Same. Corrected to May 1, 1893. Wash., 1893. 1. 8°. 108 p. [3]
- Same. 2d light-house district. From Hampton River, N. H., to Warren Point, R. I., including Nantucket and Vineyard sounds, Buzzard's Bay, and their tributaries. Corrected to June 1, 1892. Wash., 1892. 1. 8°. [3]
- Same. Corrected to June 1, 1893. Wash., 1893. 1. 8°. 110 p. [3]
- Same. 3d light-house district. From Sakonnet Point, R. I., [to] Shrewsbury River, N. J., and including Lake Champlain and Lake Memphremagog. Corrected to July 1, 1892. Wash., 1893. 1. 8°. 128 p. [3]
- Same. 4th light-house district. From a point on the coast opposite the mouth of the Shrewsbury River, N. J., to Metomkin Inlet, Va. Corrected to Dec. 1, 1892. Wash., 1893. 1. 8°. 46 p. [3]
- Same. 5th light-house district. Seacoast of Virginia and North Carolina from Metomkin Inlet to New River Inlet. Corrected to Aug. 1, 1892. Wash., 1893. 1. 8°. 130 p. [3]

**United States. Light-House Board, continued.**

- *Same.* 6th light-house district. From New River Inlet, N. C., to Jupiter Inlet, Florida, and including Indian River. Corrected to Dec. 31, 1892. Wash., 1893. 1. 8°. 52 p. [3]
- *Same.* 7th light-house district. The coast of Florida from Jupiter Inlet to Perdido River. Corrected to Dec. 1, 1892. Wash., 1893. 1. 8°. 51 p. [3]
- *Same.* 8th light-house district. From Mobile, Ala., to the Rio Grande, Texas. Corrected to Dec. 31, 1892. Wash., 1893. 1. 8°. 25 p. [3]
- *Same.* [9th–11th light-house district.] On the northern lakes and rivers. Corrected to the opening of navigation, 1893. Wash., 1893. 1. 8°. 94 p. [3]
- List of beacons, buoys, and day-marks on the Pacific coast of the United States. Corrected to Dec. 31, 1892. Wash., 1893. 1. 8°. 68 p. [3]
- List of lights and fog-signals on the Atlantic and Gulf coasts of the United States. Corrected to Jan. 1, 1893. Wash., 1893. 1. 8°. 129 p. Illus. [3]
- List of lights and fog-signals on the Pacific coast of the United States, Canada and British Columbia. Corrected to Jan. 1, 1893. Wash., 1893. 1. 8°. 38 p. Illus. [3]
- Notices to mariners. No. 1–127, [Jan. 2–Dec. 28, 1892]. Wash., 1892. Broad-sides. [3]
- *See, back, Department of the Treasury.*

**Major-General Commanding the Army.**

- Report to the Secretary of War, 1892. Wash., 1892. 8°. [4]

**Marine Corps.**

- Annual report of the Colonel Commandant to the Secretary of the Navy, 1892. Wash., 1892. 8°. [3]
- Regulations for the uniform and dress, equipments, etc., of the Corps. July 14, 1892. Wash., 1892. 12°. 31 p. [3]

**Marine Hospital Service.**

- Annual report of the Supervising Surgeon-General, 1876. With an appendix. Wash., 1876. 8°. Folded maps and charts. [3, *Estate of the Hon. George B. Loring.*]
- Laws and regulations for the maritime quarantines of the United States, April 4, 1893. Wash., 1893. 8°. 17 p. [3]
- Official list of medical officers, including acting surgeons and hospital stewards, etc., Jan. 1889–July 1891. Wash., 1889–91. 24°. [3]
- United States quarantine laws and regulations, Feb. 24, 1893. Wash., 1893. 8°. 19 p. [3]
- Weekly abstract of sanitary reports, [1892]. Vol. 7. Nos. 1–53. Wash., 1893. 8°. [3]

**Mexican Claims Commission.**

- *See, back, Department of State.*

**Military Academy at West Point.**

- Addresses to the graduating class, June 14, 1877, by Prof. C. O. Thompson, [and others]. N. Y., 1877. 12°. 43 p. [3]
- Annual report of the Superintendent, 1892. Wash., 1892. 8°. Folded map. [3]
- Official register of the officers and cadets, June 1893. n.p., [1893]. 12°. [3]

**Mississippi River Commission.**

- *See, back, Congress.*

**National Museum.**

- The ancient pit-dwellers of Yezo, Japan. By Romeyn Hitchcock. Wash., 1892. 8°. (12) p. Map, plates and illus. [3]
- An annotated catalogue of the mammals collected by W. L. Abbott in the Kilima-Njaro region, East Africa. By F. W. True. Wash., 1892. 8°. (36) p. Plates and illus. (Proceedings, no. 915.) [3]
- Annual report, 1890–91. *See Smithsonian Institution.*

United States. *National Museum, continued.*

- Anthropology at the Paris Exposition, 1889. By Thomas Wilson. Wash., 1892. 8°. (41) p. Plates and illus. [3]
- Catalogue of the crabs of the family malidæ in the U. S. National Museum. By M. J. Rathbun. Wash., 1893. 8°. (41) p. Plates. (Proceedings, no. 927.) [3]
- Catalogue of the fresh-water fishes of Central America and southern Mexico. By C. H. Eigenmann. Wash., 1893. 8°. (10) p. (Proceedings, no. 925.) [3]
- The Catlin collection of Indian paintings. By Washington Matthews. Wash., 1892. 8°. (19) p. Plates. [3]
- Description of a new species of cyprinoid fish, *Conesius Greeni*, from the head waters of Frazer River in British Columbia. By D. S. Jordan. *n.t.p.* [Wash., 1893.] 8°. (1) p. (Proceedings, no. 938.) [3]
- Description of a new species of fruit bat, *pteropus aldabrensis*, from Aldabra Island. By F. W. True. *n.t.p.* [Wash., 1893.] 8°. (2) p. (Proceedings, no. 948.) [3]
- Description of a supposed new species of odontophorus from southern Mexico. By Robert Ridgway. *n.t.p.* [Wash., 1893.] 8°. (2) p. (Proceedings, no. 945.) [3]
- Description of some fossil plants from the Great Falls coal field of Montana. By W. M. Fontaine. Wash., 1892. 8°. (11) p. Plates. (Proceedings, no. 918.) [3]
- A description of the golden trout of Kern River, California, *salmo mykiss aguanbonita*. By D. S. Jordan. *n.t.p.* [Wash., 1893.] 8°. 3 p. (Proceedings, no. 916.) [3]
- Description of two supposed new species of swifts. By Robert Ridgway. *n.t.p.* [Wash., 1893.] 8°. (2) p. (Proceedings, no. 923.) [3]
- Diagnosis of a new Californian lizard. By Leonhard Stejneger. *n.t.p.* [Wash., 1893.] 8°. (1) p. (Proceedings, no. 944.) [3]
- The humming birds. By Robert Ridgway. Wash., 1892. 8°. (132) p. Plates and illus. [3]
- Insects of the subfamily encyrtinæ with branched antennæ. By L. O. Howard. Wash., 1892. 8°. (9) p. Plates. (Proceedings, no. 905.) [3]
- Introduction to a monograph of the North American bats. Notes on the genera of vespertilionidæ. By Harrison Allen, M.D. Wash., 1893. 8°. 31 p. (Proceedings, no. 919-920.) [3]
- List of diatomacææ from a deep-sea dredging in the Atlantic Ocean off Delaware Bay by the U. S. Fish Commission steamer Albatross. By Albert Mann. Wash., 1893. 8°. (10) p. (Proceedings, no. 937.) [3]
- Lists of institutions and foreign and domestic libraries to which it is desired to send future publications of the Museum. Wash., 1891. 8°. (88) p. [3]
- The methods of fire-making. By Walter Hough. Wash., 1892. 8°. (16) p. Illus. [3]
- Note on the wall-eyed pollack, *pollachius chalcogrammus fucensis*, of Puget Sound. By D. S. Jordan and C. H. Gilbert. *n.t.p.* [Wash., 1893.] 8°. (2) p. (Proceedings, no. 939.) [3]
- Notes on a few fossil plants from the Fort Union group of Montana, with a description of one new species. By F. H. Knowlton. Wash., 1893. 8°. (4) p. Plates. (Proceedings, no. 921.) [3]
- Notes on American hemiptera heteroptera. By A. L. Montandon. Wash., 1893. 8°. (10) p. (Proceedings, no. 924.) [3]
- Notes on Brian (Devonian) plants from New York and Pennsylvania. Notes on nematophyton crassum. By D. P. Penhallow. Wash., 1893. 8°. (14) p. Plates. (Proceedings, no. 928, 929.) [3]
- Notes on the flowers of *anthoxanthum odoratum* L. By Theo. Holm. Wash. 1892. 8°. (5) p. (Proceedings, no. 910.) [3]
- Notes on the unionidæ of Florida and the southeastern states. By C. T. Simpson. Wash., 1892. 8°. (32) p. Plates. (Proceedings, no. 911.) [3]

**United States. National Museum, continued.**

- On a collection of batrachians and reptiles from Mount Orizaba, Mexico, with descriptions of two new species. By W. S. Blatchley. Wash., 1893. 8°. (8) p. (Proceedings, no. 922.) [3]
- On a new subfamily of phyllostome bats. Description of a new genus of phyllostome bats. On Temminck's bat, *scotophilus temminckii*. By Harrison Allen. Wash., 1892. 8°. (8) p. Illus. (Proceedings, nos. 912-914.) [3]
- On the breeding habits, eggs, and young of certain snakes. By O. P. Hay. Wash., 1892. 8°. (13) p. (Proceedings, no. 909.) [3]
- On the ejection of blood from the eyes of horned toads. By O. P. Hay. Wash., 1892. 8°. (9) p. (Proceedings, no. 907.) [3]
- On the making of gelatin casts. By J. W. Scollick. *n.t.p.* [Wash., 1893.] 8°. (2) p. (Proceedings, no. 926.) [3]
- On the occurrence of the spiny boxfish, genus *chilomycterus*, on the coast of California. By C. H. Eigenmann. Wash., 1892. 8°. (4) p. Plate. (Proceedings, no. 917.) [3]
- On the status of the gray shrike collected by Capt. Blakiston, in Yezo, Japan. By Leonhard Stejneger. *n.t.p.* [Wash., 1893.] 8°. (2) p. (Proceedings, no. 931.) [3]
- Proceedings. Vol. 14. 1891. Wash., 1892. 8°. Plates. [3]
- Scientific results of explorations by the U. S. Fish Commission steamer Albatross. Descriptions of new genera and species of crabs from the west coast of North America and the Sandwich Islands. By M. J. Rathbun. Wash., 1893. 8°. (38) p. (Proceedings, no. 933.) [3]
- *Same.* No. 23. Report on the actinæ collected during the winter of 1887-88. By J. P. McMurrich. Wash., 1893. 8°. (100) p. Plates. (Proceedings, no. 930.) [3]
- Throwing-sticks from Mexico and California. By O. T. Mason. *n.t.p.* [Wash., 1893.] 8°. (3) p. Illus. (Proceedings, no. 932.) [3]
- Two additions to the Japanese avifauna, including description of a new species. By Leonhard Stejneger. Wash., 1892. 8°. (3) p. (Proceedings, no. 906.) [3]
- White-line engraving for relief-printing in the fifteenth and sixteenth centuries. By S. R. Koehler. Wash., 1892. 8°. (11) p. Illus. [3]

**Naval Academy at Annapolis.**

- Annual register, 48th academic year, 1892-93. Wash., 1892. 8°. [3]
- Report of the board of visitors, June 1885, 90, 92. Wash., 1885-92. 8°. [3]

**Naval Observatory.**

- Observations made during 1888. With appendices and plates. Wash., 1892. 4°. [3]
- Observations of double stars made at the Naval Observatory. Part 2. 1880-91. By Asaph Hall. Wash., 1892. 4°. 203 p. (Observations, 1888. Appendix 1.) [3]
- Report of the Superintendent for the year ending [June 30], 1892. Wash., 1892. 8°. [3]

**Office of the Chief of Engineers.**

- Annual report, 1892. [With] atlas. Wash., 1892. 4 v. 8°, 1 v. 4°. [3]
- Menemsha Bight. Letter from the acting Secretary of War transmitting with a letter the report of the examination and survey of Menemsha Bight, Mass. *n.t.p.* [Wash., 1892.] 8°. 5 p. Folded map. (52d Cong. 1st sess. Exec. doc., no. 60.) [3]
- Report relative to the character of the building material used in the construction of the building for the Library of Congress. *n.t.p.* [Wash., 1893.] 8°. 46 p. (52d Cong. 2d sess. Sen. miscel. doc., no. 45.) [3]
- Report upon the construction of the building for the Library of Congress, during the year ending Dec. 1, 1891. *n.t.p.* [Wash., 1892.] 8°. 4 p. Folded illus. (52d Cong. 1st sess. Sen. miscel. doc., no. 15.) [3]

## United States, continued.

*Office of Indian Affairs.*

- Letter from the Secretary of the Interior with inclosures relative to the necessity for congressional action for the disposition of timber on certain reservations in Wisconsin. *n.t.p.* [Wash., 1892.] 8°. 21 p. (52d Cong. 1st sess. Sen. doc., no 16.) [3]
- Proposals received and contracts awarded in New York City, Washington and San Francisco, under advertisements of April 4 and May 29, 1891, for supplies and transportation of same for the Indian service, 1892. *h.t.p.* [Wash., 1892.] 8°. 255 p. [3]
- Report made by the Hampton Institute regarding its returned Indian students. *n.t.p.* [Wash., 1892.] 8°. 87 p. Folded maps and illus. (52d Cong. 1st sess. Sen. doc., no 31.) [3]
- Report of the Commissioner, 1849, 58-59, 62; 61st annual report, 1892. Wash., 1849-92. 5 v. 8°. [3]
- Report relative to the situation among the Navajo Indians in New Mexico and Arizona. *n.t.p.* [Wash., 1892.] 8°. 16 p. (52d Cong. 1st sess. Sen. doc., no 156.) [3]
- Rules for Indian schools, with course of study, list of text-books, and civil service rules. Wash., 1892. 8°. 47 p. [3]

*Office of Internal Revenue.*

- Appendix to the Gaugers' weighing manual, embracing regulations for determining the taxable quantity of distilled spirits by weighing, *etc.* June 4, 1892. Wash., 1892. 12°. 163 p. (Series 7, no. 11, revised. Supplement no. 2.) [3]
- Catalogue of books and blanks and laws and regulations prepared for the use of officers of internal revenue. March 1892. Wash., 1892. 8°. 49 p. (No. 155, revised.) [3]
- The collection of internal revenue and the condition of the service. Report of J. S. Miller, Commissioner, to Secretary of Treasury, July 21, 1893: Wash., 1893. 8°. [3]
- Regulations and instructions concerning the tax on distilled spirits under the revised statutes of the United States and subsequent acts. May 3, 1890. Wash., 1891. 8°. 214 p. (Series 7, no. 7, revised.) [3]
- Regulations concerning bounty on maple sugar under the provisions of the act of Congress approved Oct. 1, 1890. Feb. 8, 1893. Wash., 1893. 8°. 16 p. (Series 7, no. 17, revised. Supplement no. 1.) [3]
- Regulations concerning rectifiers and wholesale liquor dealers' notices, returns and packages, *etc.* Sept. 29, 1892. Wash., 1892. 8°. 20 p. (Series 7, no. 7, revised. Supplement no. 2, revised.) [3]
- Regulations for the issue of certificates of residence to Chinese laborers, and Chinese persons other than laborers, under the provisions of the act of May 5, 1892. Wash., 1893. 8°. 9 p. (Series 7, no. 18, [revised].) [3]
- Regulations relative to the bounty on sugar of domestic production. Aug. 18, 1892. Wash., 1892. 8°. (Series 7, no. 17, revised.) [3]
- *Same.* Additional regulations. Aug. 11, 1893. Wash., 1893. 8°. 6 p. (Series 7, no. 17, revised. Supplement no. 2.) [3]
- Regulations relative to the determinations alongside of or on board the exporting vessel by collectors of customs of the taxable quantity of distilled spirits exported under internal-revenue laws. *n.t.p.* [Wash., 1892.] 8°. 2 p. (Series 7, no. 4, revised. Supplement no. 1.) [3]
- Report of the Commissioner, June 30, 1864, 67, 92. Wash., 1865-92. 3 v. 8°. [1, 3]

Entitled "Report, *etc.*, on the operations of the internal revenue system," 1864, 67.

*Office of Naval Intelligence.*

- Coaling, docking, and repairing facilities of the ports of the world, with analyses of different kinds of coal. 3d ed. Wash., 1892. 8°. 332 p. [3]

**United States. Office of Naval Intelligence, continued.**

- General information series, no. 10-11. Information from abroad. July 1891-92. Wash., 1891-92. 2 v. 8°. Folded maps, plates. [3]

*Contents.*

No. 10. The year's naval progress.

11. Notes on the year's naval progress.

- War series. No. 4. Information from abroad. Wash., 1893. 8°. Folded maps and illus. [3]

*Contents.*No. 4. *Sears, J. H., and Wells, B. W., Jr.* The Chilean revolution of 1891.*Office of Standard Weights and Measures.*

- On the reduction of hydrometer observations of salt water densities. Submitted Feb. 18, 1890, by O. H. Tittmann. Appendix no. 6. Report for 1891. Wash., 1892. 8°. (5) p. [3]

*Ordinance of 1787.*

- See Old South Leaflets.

*Ordinance Department.*

- Annual report of the Chief of Ordnance, June 30, 1892. Wash., 1892. 8°. Folded plates. [3]
- Letter of the Secretary of War transmitting a copy of a report by C. E. Dutton on the Nicaragua Canal. *n.t.p.* [Wash., 1892.] 8°. 24 p. (52d Cong. 1st sess. Sen. miscel. doc., no. 97.) [3]
- Notes on the construction of ordnance. No. 61-62. *n.t.p.* [Wash., 1892-93.] 4°. Plates. [3]
- Report of the tests of metals and other materials for industrial purposes made with the United States testing machine at Watertown Arsenal, Mass., June 30, 1890. Wash., 1891. 8°. Illus. [3]

*Patent Office.*

- Annual report of the Commissioner, 1891-92. Wash., 1892-93. 2 v. 1. 8°. [3]
- Decisions of the Commissioner of Patents and of United States courts in patent cases, 1890-91. Wash., 1891-92. 2 v. 8°. [1]
- Official gazette. Vol. 56-60. July 1891—Sept. 1892. Wash., 1891-93. 5 v. 1. 8°. Illus. [3]
- *Same.* Supplement, containing the revised classification of subjects of invention arranged alphabetically, Jan. 1, 1893. Wash., 1893. 1. 8°. 38 p. [3]
- Specifications and drawings of patents issued for June 1891—March 1892. Wash., 1891-92. 10 v. in 20. 1. 8°. Plates. [3]
- See Knight, G. H.

*Paymaster-General's Office.*

- Quarterly station list of the officers of the Pay Department, United States army. July 1, 1893. *n.t.p.* [Wash., 1893.] 8°. [3]

*Pension Office.*

- Bureau of Pensions, its officers and their duties. The manner in which the work of adjudicating claims is performed. Wash., 1893. 8°. 97 p. [3]
- Laws governing the granting of army and navy pensions, with the regulations relating thereto. Compiled in the law division of the Bureau of Pensions. G. B. Raum, Commissioner. Wash., 1892. 8°. 188 p. [3]
- Report of the Commissioner of Pensions to the Secretary of the Interior, June 30, 1892. Wash., 1892. 8°. [3]
- See, back, Congress, — *Department of the Interior.*

*President.*

- Message [and accompanying documents] from the President to the two houses of Congress, 1849-50, [55], 58-60, [62]. Wash., 1849-62. 8 v. 8°. Folded maps. [3]

*Namely.*

1st session, 31st Congress, 1849-50, part 1-2.  
 2d session, 31st Congress, 1850-51.  
 1st session, 34th Congress, 1855-6, part 1.  
 2d session, 34th Congress, 1855-6, part 1.  
 1st session, 36th Congress, 1859-60, part 1.  
 2d session, 36th Congress, 1860-61, part 1.  
 3d session, 37th Congress, 1862-63, part 1.

**United States. President, continued.**

- Message in response to Senate resolution of Feb. 24, 1892, relative to negotiations for reciprocal trade with Canada. *n.t.p.* [Wash., 1892.] 8°. 47 p. (52d Cong. 1st sess. Sen. doc., no. 114.) [3]
- *Same.* Message in further response to Senate resolution of Feb. 24, 1892. *n.t.p.* [Wash., 1892.] 8°. 11 p. (52d Cong. 1st sess. Sen. doc., no. 114, part 2.) [3]
- Message to Congress, 2d session, 52d Congress, 1892; 1st session, 53d Congress, 1893. Wash., 1892-93. 1. 8°. [3]
- Message to the two houses of Congress at the commencement of the 2d session of the 35th Congress, [1858-59]; 2d session, 37th Congress, [1861-62]; 3d session, 37th Congress, [1862-63. 2 v.] Wash., 1858-62. 4 v. 8°. [3]  
1861-62, entitled "Vol. 1."
- *Same.* 2d session, 39th Congress, [1866-67], with the reports of the heads of departments and selections from accompanying documents, ed. by B. P. Poore; 2d session, 40th Congress, [1867-68]; 2d session, 41st Congress, [1869-70]; 3d session, 41st Congress, [1870-71]; 2d session, 42d Congress, [1871-72]; 3d session, 42d Congress, [1872-73]; 1st session, 43d Congress, [1873-74]; 2d session, 43d Congress, [1874-75]; 1st session, 44th Congress, [1875-76]; 2d session, 44th Congress, [1876-77]. Wash., 1867-76. 10 v. 8°. [3]  
Lettered "Abridgment."
- Message relative to the regulations concerning the transportation of imported merchandise and domestic products from one port in the United States over Canadian territory to another port therein and the further requirements of such traffic. *n.t.p.* [Wash., 1893.] 8°. 28 p. (52d Cong. 2d sess. Sen. doc., no. 40.) [3]
- Message respecting the relations with Chile, with the diplomatic correspondence, the inquiry into the attack on the seamen of the Baltimore, *etc.* Wash., 1892. 8°. xiv, 664 p. Folded map. (52d Cong. 1st sess. Exec. doc., no. 91.) [3]
- Message transmitting a treaty of annexation concluded on the 14th day of Feb., 1893, between the United States and the provisional government of the Hawaiian Islands. *n.t.p.* [Wash., 1893.] 8°. 69 p. (52d Cong. 2d sess. Sen. doc., no. 76.) [3]
- Message transmitting further correspondence respecting the relations with Chile. Wash., 1892. 8°. (1), 10 p. [3]
- See Clay, H.; — McKee, T. H.; — United States. Congress.

**Puyallup Indian Commission.**

- Report of the Commission, and accompanying papers. *n.t.p.* [Wash., 1892.] 8°. 90 p. Folded map. (52d Cong. 1st sess. Sen. doc., no. 34.) [3]

**Quartermaster-General's Office.**

- Annual report, June 30, 1892. Wash., 1892. 8°. [3]
- Regulations, rules, decisions and memoranda pertaining to clothing and equipage supplies of the army. Wash., 1892-93. 8°. [3]
- Roster of officers of the Quartermaster's Department, with their rank, grade, station, address, *etc.*, Aug. 1—Sept. 1, 1891, Dec. 1, 1891—Sept. 1, 1892, Dec. 1, 1892, Feb. 1—May 1, July 1, 1893. *n.t.p.* [Wash., 1891-93.] 12°. [4]

**Railway Mail Service.**

- Report of the General Superintendent, June 30, 1892. Wash., 1892. 8°. [3]

**Record and Pension Office.**

- Report of the Chief of the Office, [Nov. 1, 1892]. *n.p.*, 1892. 8°. [3]

**Revenue Marine Service.**

- Annual report of operations, June 30, 1891. Wash., 1891. 8°. [3]
- Register of the officers and vessels of the United States Revenue-Cutter Service, July 1, 1893. Wash., 1893. 8°. 22 p. [3]
- See, back, Congress.

**United States, continued.***Sanitary Commission.*

- See Evans, T. W.

*Signal Service.*

- Charts showing the isobars, isotherms, and winds in the United States for each month, Jan. 1871—Dec. 1873. Wash., 1891. 4°. (36) p. [3]
- Extract no. 11 from Annual report, 1891. Report of O. L. Fassig, bibliographer and librarian. Wash., 1892. 8°. (24) p. [3]
- Index of meteorological observations in the United States, from the earliest records to Jan. 1890. Compiled under the direction of A. W. Greely. Wash., 1891. obl. 8°. (285) p. [3]
- Mean temperatures and their corrections in the United States. Prepared under the direction of A. W. Greely by Alexander McAdie. Wash., 1891. 4°. x, 45 p. [3]
- Report of the Chief Signal Officer of the Army on the climatic conditions of Texas. Dec. 14, 1891. Wash., 1892. 4°. 120 p. Folded maps. (52d Cong. 1st sess. Sen. doc., no. 5.) [3]

*Steamboat Inspection Service.*

- Annual report of the Supervising Inspector General to the Secretary of the Treasury, June 30, 1892. Wash., 1892. 8°. [3]
- Circular. Amended steamboat rules and regulations, Feb. 14, 1893. *n.t.p.* Wash., 1893. 4°. 11 p. [3]
- Circular remitting rules of Board of Supervising Inspectors for lights on tows for further consideration, and canceling publication. *n.t.p.* [Wash., 1893.] 4°. 1 sheet. [3]
- General rules and regulations prescribed by the Board of Supervising Inspectors of Steam Vessels, as amended Jan. 1892. *h.t.p.* [Wash., 1892.] 8°. [3]
- *Same.* Amended Jan. 1893. *h.t.p.* [Wash., 1893.] 8°. [3]
- Laws governing the Steamboat-Inspection Service. Revised statutes, as amended 1881-92. Wash., 1893. 8°. [3]
- Proceedings, 41st annual meeting of the Board of Supervising Inspectors of Steam Vessels, Jan. 1893; special meeting, May 1893. Wash., 1893. 3 v. 8°. [3]

*Superintendent of Foreign Mails.*

- Report to the Second Assistant Postmaster-General, 1892. Wash., 1892. 8°. [3]

*Superintendent of Indian Schools.*

- Report, with report of special agent of the Indian School Service, 1892. Wash., 1892. 8°. [3]

*Superintendent of the Sequoia and General Grant National Parks.*

- Report of the Acting Superintendent, 1892. Wash., 1892. 8°. [3]

*Superintendent of the Yellowstone National Park.*

- Report to the Secretary of the Interior, 1892. Wash., 1892. 8°. [3]

*Superintendent of the Yosemite National Park.*

- Annual report to the Secretary of the Interior, June 30, 1892. Wash., 1892. 8°. [3]

*Supervising Architect.*

- Annual report, Sept. 30, 1892. Wash., 1892. 8°. Illus. [3]

*Supreme Court.*

- Rules, adopted Jan. 7, 1884, and the rules of practice for the Circuit and District Courts of the United States in equity and admiralty cases, and orders in reference to appeals from Court of Claims. Wash., 1893. 8°. 8, 10, 83 p. [3]
- United States reports, v. 146-149. Cases in the Supreme Court, 1892-[93]. J. C. B. Davis, reporter. [Vol. 39-42.] N. Y., 1893. 4 v. 8°. [1]
- See Lowery, W. Decisions on the law of patents for inventions, 132-139 U. S., 1889-90.

## United States, continued.

*Surgeon-General's Office.*

- Index-catalogue of the library of the office. Authors and subjects. Vol. 13. Wash., 1892. 1. 8°. [3]

*Contents.*Vol. 13. *Stalagogaes*—Sutugin.

- Report of the Surgeon-General of the Army to the Secretary of War, June 30, 1892. Wash., 1892. 8°. Illus. [3]
- Station-list of officers of the medical department and hospital stewards of the hospital corps, United States army, Dec. 1, 1892; April 1, 1893. Wash., 1892-93. 8°. [3]

*Treaties and Conventions.**(Colombia: Extradition of criminals, 1888.)*

- Convention. Signed at Bogotá, May 7, 1888. Proclaimed Feb. 6, 1891. [*In Spanish and English.*] *n.t.p.* [Wash., 1891.] 8°. 7 p. [3]

*(Congo: Amity, commerce and navigation, 1892.)*

- Treaty. Concluded at Brussels, Jan. 24, 1891. Proclaimed April 2, 1892. [*In French and English.*] *n.t.p.* [Wash., 1892.] 8°. 10 p. [3]

*(Denmark: Carlos Butterfield and Company, 1888.)*

- Agreement to submit to arbitration the claim of Carlos Butterfield and Company against the government of Denmark. Concluded at Copenhagen, Dec. 6, 1888. Proclaimed May 24, 1889. [*In Danish and English.*] *n.t.p.* [Wash., 1889.] 8°. 4 p. [3]

*(Germany and Great Britain: Neutrality and autonomous government of Samoan Islands, 1889.)*

- General act providing for the neutrality and autonomous government of the Samoan Islands. Concluded at Berlin, June 14, 1889. Proclaimed May 21, 1890. *n.t.p.* [Wash., 1890.] 8°. 13 p. [3]

*(Great Britain: Alabama claims, 1871.)*

- See Lawrence, W. B.; — United States. *Department of State.*

*(Great Britain: Alaskan boundary and Passamaquoddy Bay, 1892.)*

- Convention for a joint survey of the territory adjacent to the boundary line of the United States and Canada, dividing Alaska from British Columbia and the north-west territory of Canada. Concluded at Washington, July 22, 1892. Proclaimed Aug. 26, 1892. *n.t.p.* [Wash., 1892.] 8°. 4 p. [3]

*(Great Britain: Amity, commerce, etc. Jay's treaty, 1795.)*

- See Harper, R. G.

*(Great Britain: Behring Sea, 1892.)*

- Conventions submitting the questions concerning the jurisdictional rights of the United States in the waters of Behring Sea and renewing the existing "modus vivendi" in Behring Sea. [Concluded at Washington, Feb. 29, 1892. Proclaimed May 9, 1892.] Wash., 1892. 8°. 11 p. [3]
- See also Great Britain. *Parliament.*

*(Great Britain: Extradition, 1880.)*

- Extradition convention. Supplementary to the 10th article of the treaty concluded between the same parties, 9th Aug. 1842. Concluded at Washington, July 12, 1880. Proclaimed March 25, 1890. [With appendix.] *n.t.p.* [Wash., 1890.] 8°. 5 p. [3]

*(Hawaiian Islands: Annexation to the United States, 1893.)*

- See, back, *Department of State*, — *President.*

*(International: Protection of industrial property, 1891.)*

- Supplemental convention between the United States, Belgium, Brazil, France, Great Britain [and other countries], amendatory of the convention of March 20, 1883, for the protection of industrial property. Concluded at Madrid, April 15, 1891. Proclaimed June 22, 1892. [*In French and English.*] *n.t.p.* [Wash., 1892.] 8°. 3 p. [3]

**United States. Treaties and Conventions, continued.***(International: Publication of customs tariffs, 1890.)*

- Convention between the United States and other powers concerning the formation of an International Union for the Publication of Customs Tariffs, etc. Signed at Brussels, July 5, 1890. Proclaimed Dec. 17, 1890. [*In French and English.*] n.t.p. [Wash., 1890.] 8°. 18 p. [3]

*(Mexico: Boundary, 1889.)*

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- *Mortality report for April-May 1892.* *n.t.p.* [Worcester, 1892.] 1. 8°. [3]
- *Regulations.* Worcester, 1880. 12°. 15 p. [4]
- *Same.* Rules and regulations, 1884. Worcester, 1884. 12°. (1), 8 p. [4]
- *City Government.* Committees, rules and orders, *etc.*, 1891. [Worcester, 1891.] 32°. 44 p. [3]
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*Worcester, Mass., continued.*

- *Fire Department.* Annual report of the chief engineer, Nov. 30, 1888. Worcester, 1889. 8°. [3]
- *Charter, by-laws, etc.* Worcester, 1828. 24°. 20, (4) p. [3]
- *Free Public Library.* [33d] annual report, Nov. 1892. Worcester, 1893. 8°. [3]
- *School Committee.* Organization of the school committee and the public schools, Jan. 1892. *n.t.p.* [Worcester, 1892.] narrow 16°. 16 p. [3]
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- *See Berry, J. M.; — Worcester Canadien.*
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- *Central Church.* Installation of Rev. Edward M. Chapman as the associate pastor, Dec. 22, 1892. [Worcester, 1892.] 24°. (3) p. [3]
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- *Evening Schools.* Questions for written examinations, Feb. 29—March 3, 1892. *n.t.p.* Worcester, 1892. 8°. 13 p. [3]
- *Fire Society.* 100th anniversary. Address by G. F. Hoar, poem by J. D. Washburn. Worcester, 1893. 8°. 35 p. [3]
- *Home Co-operative Bank.* By-laws, [officers, *etc.*, 1887–88]. Worcester, 1887. 16°. 19 p. [3]
- *Mechanics Savings Bank.* Act of incorporation, by-laws, officers, catalogue of members, *etc.* Worcester, 1883. 24°. 22 p. [3]
- *Post-Office.* Handy book of the postal service. [Worcester, 1887.] 16°. 96 p. [3]
- *St. John's Church.* [Programme of services], Christmas eve, 1892. *n.t.p.* [Worcester, 1892.] 8°. (4) p. [3]
- *Second Congregational Church.* *See Bancroft, A.*
- *Second Parish.* Catalogue of the Bangs Library. Worcester, 1877. 16°. 37 p. [3]
- *Report of the committee on expenditures.* Worcester, 1866. 8°. 11 p. [3]
- *State Temperance Convention, June 1852.* Massachusetts anti-liquor law; with analysis and exposition, also proceedings of State Temperance Convention, June 23–24. Bost., 1852. 8°. 36 p. [2]
- *Young Men's Library Association.* Catalogue of the library, with the act of incorporation, by-laws, list of officers, *etc.* Worcester, 1853. 12°. 34, (2) p. [3]
- Worcester Almanac, Directory and Business Advertiser, 1863, 55–56.* By H. J. Howland. Worcester, [1853–56]. 3 v. 24°. [3]
- Worcester and Baldwinville Railroad.* *See Ashburner, S.*
- Worcester and Nashua Railroad Company.* 36th annual report of the directors, Sept. 30, 1883. Worcester, 1883. 8°. [3]
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- Worcester Continentals.* Charter and by-laws, 1890. Worcester, 1890. 16°. 43 p. [3]
- Worcester County Auxiliary Colonization Society.* Report of the managers, annual meeting, Worcester, Dec. 14, 1831. Worcester, 1832. 8°. [3]

- Worcester County Horticultural Society.** Transactions, 1892-93. Worcester, 1893. 8°. [3]
- Worcester County Institution for Savings.** Act of incorporation and by-laws, with the act to regulate institutions for savings. Worcester, 1834. 24°. 16 p. [3]
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- Worcester County Mechanics Association.** Catalogue of the library, April, 1857. Worcester, [1857]. 12°. 83 p. [3]
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- *Same.* No. 50. Jan. 15, 1893. Worcester, 1893. 8°. Folded map. [1]
- Worcester Horse Railroad Company.** 1st annual report of the directors, Jan. 11, 1864. Worcester, 1864. 8°. 7 p. [3]
- Worcester Polytechnic Institute.** 23d annual catalogue, 1893. Worcester, 1893. 8°. Illus. [3]
- Worcester Rural Cemetery.** See Lincoln, L.
- Worcester South Agricultural Society.** 29th annual report, with constitution, by-laws, etc. Southbridge, 1883. 8°. [4]
- World Almanac,** 1893. [N. Y., 1893.] 12°. 432 p. [1]
- Wright, Carroll Davidson.** Address, celebration of the beginning of the 2d century of the American patent system, Washington, April 8-10, 1891. Wash., 1892. 8°. (34) p. [3, *Author.*]
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- Wright, Elizur.** Appeals for the Middlesex Fells and the forests, with a sketch of what he did for both, by Ellen Wright. Medford, 1893. 12°. xxiv, 156 p. [3]
- Wright, John A.** How to get good judges; a study of the defects of the judicial systems of the states, with a plan for a scientific judicial system. San Francisco, 1892. 8°. 85 p. [3, *Author.*]
- Wyoming. Attorney General.** Biennial report, Jan. 2, 1893. Cheyenne, 1893. 8°. [3]
- *Governor.* Message of F. E. Warren to the 1st Legislative Assembly, Nov. 12, 1890. Laramie, 1890. 8°. 24 p. [4]
- Message of J. E. Osborne to the 2d Legislature, [1893]. *A.t.p.* [1893.] 8°. 20 p. [3]
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- *Secretary of State.* Biennial report, Sept. 30, 1892. Laramie, 1893. 8°. [2]
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- *State Superintendent of Public Instruction.* Biennial report, 1890-92. Cheyenne, 1892. 8°. [3]
- Text books. *n.t.p.* [Cheyenne, 1893.] 8°. (3) p. [3]
- *Supreme Court.* Reports of cases in the Supreme Court of the territory and of the state of Wyoming. By the editorial staff of the National Reporter System. Vol. 3. 1883-92. St. Paul, 1893. 8°. [2]
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- Yachtsman's Annual Guide and Nautical Calendar,** 1891-92. Bost., [1891-92]. 2 v. 8°. Portraits, charts and illus. [4]
- Yale University.** Bibliographies of the present officers, with the bibliography of President Porter. *n.p.*, 1893. 8°. 160 p. [3]

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- Catalogue, 193d year, 1892-93. New Haven, 1892. 8°. Folded map. [3]
- Obituary record of graduates deceased during the academical year ending June, 1893. No. 3 of 4th printed series, and no. 52 of the whole record. [New Haven, 1893.] 8°. [3]
- Report of the president for the year ending Dec. 31, 1892. *n.p.*, 1893. 8°. [3]
- *Law School*. Annual catalogue, 1884-8, and Alumni record, 1824-84. New Haven, 1885. 8°. [3]
- *Observatory*. Report, 1892-93, by the board of managers of the Observatory to the president and fellows. *h.t.p.* [1893.] 8°. [3]
- *School of Fine Arts*. [Course of instruction], 1892-93. New Haven, 1892. 8°. [3]

**Yancey, William Lowndes.** See Du Bose, J. W.

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**Yellowstone National Park.** See United States. *Commission of Fish and Fisheries*;—Wiley, W. H. and S. K.

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**Yosemite Valley.** See Wiley, W. H. and S. K.

**Yucca.** See Trelease, W.

**Zanzibar.** See Great Britain. *Parliament*.

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Herausg. von Oekonomierath Müller. 62 er Jahrgang, 1892. Darmstadt, [1892].  
4°. [3]

## MAPS.

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- Barbados.** A topographical map of the island of Barbados, based upon Mayo's original survey in 1721 and corrected to 1846. By Sir R. H. Schomburgk. Scale, 2 in.=1 English mile. Size, 47×35½ in. [1]
- Barnstable, Mass.** [View of] village of Barnstable. Published by A. F. Poole, Brockton. G. H. Walker & Co., lith. Bost., 1884. Size, 10×31.8 in. [1]
- Berkshire County, Mass.** [Map of Berkshire County.] By G. H. Walker & Co. Bost., 1893. Scale, [about 2 m.=1 in.]. Size, 27.5×18.7 in. [1]
- Boston, Mass.** Boston and vicinity. Published by G. H. Walker & Co. Bost., 1893. Scale, [1200 ft.=1 in.]. Size, 59×49 in. [1]
- Map showing the terminal facilities of Boston. By G. H. Walker & Co. Bost., 1893. Size, 20.5×26.5 in. [1]
- New England Telephone and Telegraph Company. Jan. 1, 1893. Map of conduit system in Boston, not including Charlestown and Roxbury. G. H. Walker & Co., lith. Bost., [1893]. Size, 12.5×10 in. [3]
- Chicago, Ill.** World's Columbian Exposition, 1893. [Bird's-eye view of the Exposition grounds and buildings.] Engraved by J. A. Lowell & Co., Boston, by permission of the Winter's Art Litho. Co. of Chicago, 1891. Size, 16×26 in. [1]
- Cod, Cape.** Map of Cape Cod and vicinity, 1892. Published and copyrighted by Geo. H. Walker & Co. Bost. Scale, [2 m.=1 in.]. Size, 32.6×27.8 in. [1]
- Connecticut.** Map of Connecticut. Published by G. H. Walker & Co. Bost., 1893. Scale, [nearly 2 m.=1 in.]. Size, 39.1×54.4 in. [1]
- Connecticut Valley.** [Map of the Connecticut Valley. Published by G. H. Walker & Co.] Bost., 1893. Scale, [nearly 2 m.=1 in.]. Size, 28.1×19.1 in. [1]
- Cottage City, Mass.** [View of] Cottage City, Martha's Vineyard. From a sketch by A. F. Poole. G. H. Walker & Co., lith. Bost., 1887. Size, 16.5×24.5 in. [1]
- Framingham, Mass.** View of Framingham Common in 1808. Lithographed by the New England Lithographic Co., Boston, 1872, from the original painting in water colors by D. Bell. Size, 18×21.8 in. [1]
- [View of the] camp at Framingham, First Brigade, Mass. Vol. Militia, June 9-13, 1885. Published, 1885, by A. F. Poole & Co., Brockton. G. H. Walker & Co., lith., Bost. Size, 15.5×23.5 in. [1]
- [View of the] camp at Framingham, Second Brigade, Mass. Vol. Militia, July 21-25, 1885. Published, 1885, by A. F. Poole & Co., Brockton. G. H. Walker & Co., lith., Bost. Size, 15×23.4 in. [1]
- Gloucester, Mass.** [View of] Magnolia, Gloucester. G. H. Walker & Co., lith. and pub. Bost., 1887. Size, 10.5×19 in. [1]
- Hingham, Mass.** First Corps Cadets, Massachusetts Volunteer Militia. [View of] encampment at Hingham, July 13-18, 1885. Pub. by A. F. Poole & Co., Brockton, 1885. G. H. Walker & Co., lith., Bost. Size, 9×23 in. [1]
- Magnolia, Mass.** See Gloucester, Mass.

- Maine.** Map of the coast of Maine, eastern part. Published by G. H. Walker & Co. Bost., 1893. Scale, [4 m.=1 in.]. Size, 20.7×31 in. [1]
- Map of the coast of Maine, western part. Published by G. H. Walker & Co. Bost., 1893. Scale, [4 m.=1 in.]. Size, 20.7×30.5 in. [1]
- Marblehead, Mass.** [View of] The Farms. 1886. Published by O. W. Walker, Bost. Size, 13.8×30 in. [1]
- Massachusetts.** Map of Massachusetts. Published by G. H. Walker & Co. Bost., 1891. Size, 39.7×63 in. [1]
- Narragansett Bay.** Narragansett Bay and vicinity. Published by G. H. Walker & Co. Bost., 1892. Scale, [nearly 2 m.=1 in.]. Size, 32.3×22.5 in. [1]
- New Hampshire.** Map of New Hampshire. Published by G. H. Walker & Co. Bost., 1893. [Scale, 3 m.=1 in.] Size, 62×32.4 in. [1]
- North Shore and part of Middlesex County, Mass.** By G. H. Walker & Co. Bost., 1893. Scale, [nearly 2 m.=1 in.]. Size, 20.3×28.6 in. [1]
- Onset Bay Grove.** See Wareham, Mass.
- Sandwich, Mass.** [View of] Sandwich Village looking west. Drawn and published by A. F. Poole, Brockton. G. H. Walker & Co., lith. Bost., 1884. Size, 10.7×18.4 in. [1]
- South Weymouth, Mass.** See Weymouth.
- Suburban Railroad.** Plan showing proposed extension of the Suburban Railroad from Newton Highlands to Belmont. [With type-written report of the survey.] March 18, 1893. W. Veazie, C. Engr. Scale, 200 ft.=1 in. Size, 38×175 8 in. [3]
- Tisbury, Mass.** [View of] Vineyard Haven looking east. G. H. Walker & Co., lith. Bost., [18—]. Size, 14×18 in. [1]
- Vineyard Haven, Mass.** See Tisbury.
- Wareham, Mass.** [View of] Onset Bay Grove, Wareham. Published by O. W. Walker. G. H. Walker & Co., lith. Bost., 1885. Size, 17×24 in. [1]
- Weymouth, Mass.** [View of] South Weymouth from the fair grounds. G. H. Walker & Co., lith., Boston. A. F. Poole & Co., publishers, Brockton. 1885. Size, 20 3×24.5 in. [1]
- Worcester County, Mass.** Map of Worcester County. Published by G. H. Walker & Co. Bost., 1892. Scale, [1  $\frac{7}{8}$  m.=1 in.]. Size, 18×27 in. [1]
- Wyoming, stats.** State of Wyoming. Compiled from the official records of the General Land Office, and other sources, under the supervision of A. F. Dinsmore, principal draughtsman. Photo lith. and print. by Julius Bien & Co. N. Y., 1892. Scale, 12 m.=1 in. Size, 27.7×33 in. [3]

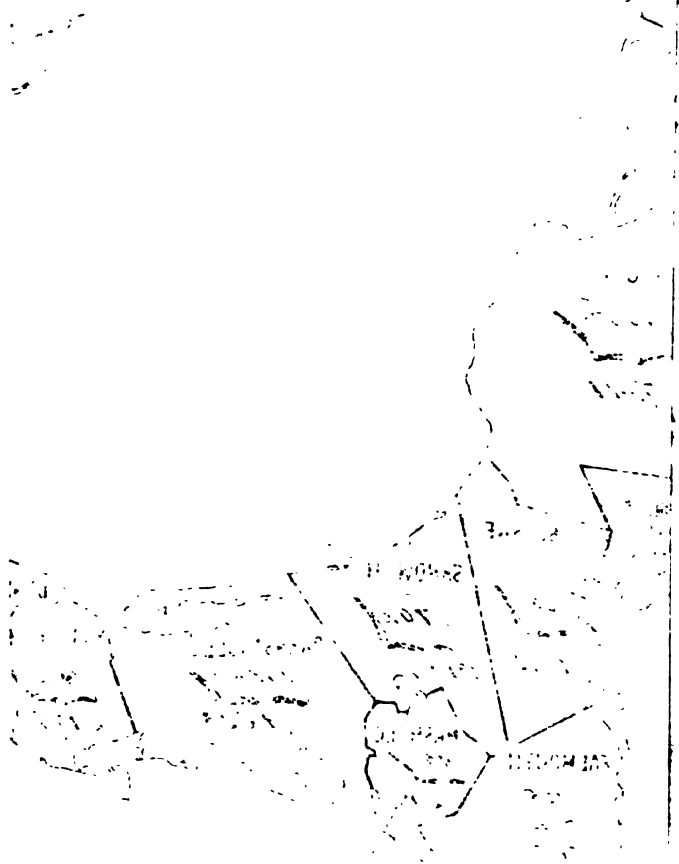


UNITED STATES

ION



# THE BIBLE



# FOURTH REPORT

OF THE

# FREE PUBLIC LIBRARY COMMISSION

OF

MASSACHUSETTS.

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1894.

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BOSTON :  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
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## MEMBERS OF THE COMMISSION.

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HENRY S. NOURSE, Lancaster,	.	.	.	.	term expires 1898.
Miss E. P. SOHIER, <i>Secretary</i> , Beverly,	.	.	.	.	term expires 1897.
Miss ANNA E. TICKNOR, Boston,	.	.	.	.	term expires 1896.
C. B. TILLINGHAST, <i>Chairman</i> , Boston,	.	.	.	.	term expires 1895.
SAMUEL SWETT GREEN, Worcester,	.	.	.	.	term expires 1894.



## REPORT OF THE COMMISSION.

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*To the Honorable Senate and House of Representatives :*

In accordance with the provisions of section 2 of chapter 347 of the Acts of 1890, the Free Public Library Commission herewith submits its fourth report. It includes a statement of the results accomplished during the year 1893.

### THE COMMISSION.

The Hon. Henry S. Nourse, whose term expired Oct. 22, 1893, has been reappointed by the Governor for the full term of five years, and the original organization of the Commission remains unchanged. Regular meetings have been held at the State House once each month during the year.

### FREE PUBLIC LIBRARIES ESTABLISHED IN 1893.

Information has been received that seven towns have accepted the provisions of chapter 347 of the Acts of 1890 during the year, and under this law the following towns have been supplied with books during the year : —

Berkley,  
Chelmsford,  
Deerfield,

Hardwick,  
Hawley,  
Heath,

Huntington,  
Wellfleet.

The towns of Huntington, Hawley and Hardwick accepted the law in 1892, but did not officially notify the Commission that they had fully completed the necessary details until early in 1893. The towns of Dover and Granville have accepted the law, but have not yet been supplied with books, for the reason that in Dover a suitable room has not been provided for the library, and an informality in the method of choosing trustees remains to be remedied at the next town meeting in Granville.

Free public libraries which have no official connection with the towns have been established in Fairhaven and West Tisbury.

It thus appears that, including the fifty-two towns recorded in 1891 and 1892, the Commission has aided in establishing sixty free public libraries under this law, and two others will soon be added to the list.

#### TOWNS CLASSIFIED AS TO LIBRARIES.

The following classification of the towns, revised to date, shows the free library facilities they now enjoy : —

##### CLASS 1.

*Towns which have libraries owned and controlled by the town, and free for circulation to all the people.*

Abington,	Burlington,	Fitchburg,
Adams,	Cambridge,	Foxborough,
Agawam,	Canton,	Framingham,
Alford,	Carlisle,	Freetown,
Andover,	Charlemont,	Gill,
Arlington,	Charlton,	Goshen,
Ashburnham,	Chatham,	Gosnold,
Ashby,	Chelmsford,	Granby,
Ashland,	Chelsea,	Greenfield,
Athol,	Chesterfield,	Greenwich,
Attleborough,	Chicopee,	Groton,
Auburn,	Chilmark,	Groveland,
Avon,	Clinton,	Halifax,
Ayer,	Cohasset,	Hamilton,
Belmont,	Colrain,	Hampden,
Berkley,	Dalton,	Hanover,
Berlin,	Dana,	Hardwick,
Beverly,	Dedham,	Harvard,
Blackstone,	Deerfield,	Hatfield,
Blandford,	Douglas,	Hawley,
Bolton,	Dunstable,	Heath,
Boston,	East Bridgewater,	Holbrook,
Bourne,	Eastham,	Holden,
Boxborough,	Edgartown,	Holland,
Boylston,	Egremont,	Holliston,
Bridgewater,	Erving,	Hopedale,
Brimfield,	Essex,	Hubbardston,
Brockton,	Everett,	Hudson,
Brookfield,	Fall River,	Hull,
Brookline,	Falmouth,	Huntington,

Hyde Park,	North Attleborough,	Stoneham,
Lancaster,	Northborough,	Stoughton,
Lanesborough,	North Brookfield,	Sturbridge,
Leicester,	Northfield,	Sudbury,
Leominster,	North Reading,	Sunderland,
Leverett,	Norwood,	Sutton,
Leyden,	Oakham,	Swampscott,
Lowell,	Orange,	Taunton,
Ludlow,	Orleans,	Templeton,
Lunenburg,	Otis,	Tewksbury,
Lynn,	Oxford,	Tolland,
Lynnfield,	Paxton,	Topsfield,
Manchester,	Peabody,	Townsend,
Mansfield,	Pelham,	Tyngsborough,
Marblehead,	Pepperell,	Tyringham,
Marlborough,	Peru,	Upton,
Mashpee,	Phillipston,	Uxbridge,
Mattapoisett,	Plainfield,	Wakefield,
Maynard,	Plymouth,	Walpole,
Medfield,	Plympton,	Waltham,
Medford,	Prescott,	Warwick,
Medway,	Provincetown,	Watertown,
Melrose,	Quincy,	Wayland,
Mendon,	Reading,	Webster,
Merrimac,	Revere,	Wellfleet,
Middleborough,	Richmond,	Wenham,
Middlefield,	Rochester,	Westborough,
Middleton,	Rockland,	West Boylston,
Milford,	Rockport,	West Bridgewater,
Millbury,	Rowe,	West Brookfield,
Millis,	Rowley,	Westford,
Milton,	Royalston,	Westminster,
Montague,	Rutland,	Weston,
Monterey,	Sandwich,	Westport,
Mount Washington,	Saugus,	West Springfield,
Nahant,	Savoy,	West Stockbridge,
Natick,	Sharon,	Weymouth,
Needham,	Sheffield,	Whately,
New Ashford,	Shelburne,	Whitman,
New Bedford,	Sherborn,	Wilbraham,
New Braintree,	Shirley,	Williamstown,
Newburyport,	Shrewsbury,	Wilmington,
New Salem,	Somerville,	Winchendon,
Newton,	Southborough,	Winchester,
Norfolk,	Southbridge,	Windsor,
North Adams,	Southwick,	Winthrop,
Northampton,	Spencer,	Worcester,
North Andover,	Sterling,	Wrentham. — 234.

## CLASS 2.

*Towns which have free libraries in which the town has some representation in the management.*

Acton,	Easthampton,	Lincoln,
Amesbury,	Enfield,	Littleton,
Barre,	Franklin,	Malden,
Bedford,	Georgetown,	Norton,
Belchertown,	Grafton,	Petersham,
Bernardston,	Haverhill,	Randolph,
Bradford,	Hingham,	Salem,
Braintree,	Holyoke,	Springfield,
Concord,	Lawrence,	Warren,
Cummington,	Lexington,	Woburn. — 31.
Danvers,		

## CLASS 3.

*Towns in which there are libraries to which the town appropriates money, but is not represented in the management.*

Amherst,	Lee,	Princeton,
Ashfield,	Lenox,	Southampton,
Boxford,	Monson,	Stockbridge,
Cottage City,	Northbridge,	Wellesley,
Duxbury,	Palmer,	Westfield,
Gardner,	Pembroke,	Westhampton,
Great Barrington,	Pittsfield,	Worthington. — 22.
Hinsdale,		

## CLASS 4.

*Towns in which there are free libraries which have no connection with the town.*

Barnstable,	Harwich,	Rehoboth,
Becket,	Hopkinton,	Scituate,
Billerica,	Ipswich,	Ware,
Buckland,	Kingston,	Wareham,
Easton,	Marion,	West Tisbury,
Fairhaven,	Methuen,	Yarmouth. — 20
Gloucester,	Raynham,	

## CLASS 5.

*Towns which have libraries owned by the town, but which charge a fee.*  
Conway. — 1.

## CLASS 6.

*Towns having no free library.*

Acushnet,	Chester,	Dover,
Bellingham,	Clarksburg,	Dracut,
Brewster,	Dartmouth,	Dudley,
Carver,	Dennis,	Florida,
Cheshire,	Dighton,	Gay Head,

Granville,	Newbury,	Stow,
Hadley,	New Marlborough,	Swansea,
Hancock,	Norwell,	Tisbury,
Hanson,	Russell,	Truro,
Lakeville,	Salisbury,	Wales,
Longmeadow,	Sandisfield,	Washington,
Marshfield,	Seekonk,	Wendell,
Monroe,	Shutesbury,	West Newbury,
Montgomery,	Somerset,	Williamsburg. — 44.
Nantucket,	South Hadley,	

It appears from the above classification that of the 352 towns and cities in the State, 234 contain free public libraries that are entirely under municipal control; 31 contain libraries the use of which is entirely free, and in the management of which the municipality is in some form represented; 22 contain libraries to which the town or city appropriates money, but over which it has no control. Most of these libraries are free for circulation, but a few are free only for reference. Twenty towns contain free public libraries that are supported entirely by private benefaction, and with which the municipality has no official connection; one has a library which is owned and controlled by the town, but is not free, a small fee being charged the citizens for the use of the books; and 44 towns have no public library, though in a few of this class small association libraries exist.

All the towns in the State, except those enumerated in Class 1, seem to be entitled to the benefit of the State appropriation, if they will establish free town libraries under full municipal control.

#### AID TO TOWNS HAVING LIBRARIES.

Under the law of 1892, which authorized the Commission to furnish \$100 worth of books to any town whose valuation does not exceed \$600,000 which maintained a free library before the law of 1890 went into effect, books have been supplied to nineteen towns, as follows: —

Ashby,	Lanesborough,	Sunderland,
Auburn,	Middlefield,	Tyngsborough,
Bolton,	New Braintree,	Warwick,
Dunstable,	New Salem,	Wenham,
Eastham,	Orleans,	Whately. — 19.
Erving,	Rochester,	
Gill,	Rutland,	

The following towns are still entitled to the benefit of this law : —

Boylston,	Halifax,	North Reading,
Brimfield,	Mendon,	Paxton,
Burlington,	Middleton,	Phillipston,
Carlisle,	Millis,	Rowe,
Chesterfield,	Norfolk,	Royalston. — 15.

#### LIBRARY MAP.

Accompanying this report is a reduced copy of the map prepared for the World's Columbian Exposition at Chicago, showing at a glance which of the towns in the State have free public libraries and the number of volumes in each library at the beginning of the year 1893, when the map was prepared. It must be borne in mind that in the making of this map, and in all the statistics prepared or published by this Commission, reference is only made to libraries in which all the people have rights and privileges without the payment of any fee.

#### SITES FOR PUBLIC LIBRARY BUILDINGS.

The Commission recommends the passage of a law whereby the superiority or dominion of the sovereign power over all the property within the State, by which it is entitled to appropriate, by constitutional agency, any part necessary to the public good, shall be extended so that towns and cities may take land for building sites for free public libraries in the same manner that land may be taken under existing laws for the purposes of school buildings.

#### LIBRARIES AND SCHOOLS.

Town libraries have been urged by the Free Public Library Commission to make as exhaustive collections as possible of matter of local historical or geographical interest. They have been advised to save carefully copies of all printed reports and other documents issued by the municipalities, histories and other books relating to the towns, pamphlets of local interest, manuscripts containing biographical or historical material regarding persons, houses or localities, maps and plans, and everything regarding or representing the literary, scientific or other work of present or former residents.

The Commission now suggests that an excellent way of bringing about the close connection between libraries and schools, which is generally conceded to be desirable, would be to utilize the collections, when made, in promoting a spirit of investigation among teachers and scholars, and awakening an interest in history. The teacher of a school would have, in the first place, to become acquainted with the materials at command. She should then excite an interest by describing some exciting or pleasant incident in the history of the town or by reading some well-written passage from a pamphlet, book, or manuscript. Chapters in local history might sometimes be used in the place of reading-books by pupils, in class work. When interest has been aroused set the children at work using material at hand, old newspapers, books, pamphlets, etc., to make investigations regarding things that have occurred in the place. Let them, when ready, give an account of the results of their inquiries, either by word of mouth or in the form of a written composition. Afterwards connect the doings of the towns in which the boys and girls live with those of neighboring or larger places and with the State and country. Places on the sea-coast could awaken interest in connection with foreign countries.

By studying, and making plans and maps, children may be excited to take a lively interest in the geography of the towns they live in, and by being led to see, by means of books used by themselves, or for them by teachers, and by excursions, the topographical and physical features of those towns, may have started in them the knowledge of the resources of the places and an interest in thinking about the connections of their parts, their relations to other towns and their facilities and prospects. By a judicious use of books from libraries, relating to local matters, important moral lessons may often be drawn in such a way as to become impressive to children and remain in their memories. Great good is done when a young person has become interested in making investigations. Let teachers, then, use library books in inciting pupils to make local and wider historical and geographical researches, and in this way try to start in them a taste for historical and other research and the habit of learning the meaning of the events of history and the actions of great men.

## GIFTS AND NEW BUILDINGS.

The following gifts to libraries have come to the notice of the Commission during the year : —

**AMHERST.** A new library building was dedicated at North Amherst September 20. It is a wooden building thirty-six feet long and twenty-five feet wide, with a slate roof. It cost about \$2,500, the expense being partially defrayed by the following gifts: Mrs. Ellen E. Fisher, \$700; Rufus B. Kellogg Fund, \$150; Walter D. Cowles, \$150; town of Amherst, \$500; gifts from other sources, \$200.

**AYER.** The building erected by Mr. Frederick F. Ayer of New York for the public library of the town of Ayer has been completed, and will be open for use early in the year. It is built of Indiana limestone, sixty-three by forty feet, and has accommodations for twenty-five thousand volumes. The entire cost of the building and its fittings has been about fifty thousand dollars.

**BARRE.** The late Dr. Lucius T. Billings of Barre bequeathed \$1,000 to the Barre Library Association and also made the Association his residuary legatee.

**BOSTON.** Mr. W. C. Todd of Atkinson, N. H., has given the Boston Public Library \$50,000, to be so invested as to insure a permanent annual income of \$2,000, to be devoted to maintaining a newspaper reading room in which newspapers representing every large city in the world shall be kept on file.

**CHARLEMONT.** Mr. E. R. Goodnow of Charlemont gave \$8,000 to the town of Charlemont to build a town hall and library building, upon condition that the town should pay to him and his wife, as long as either should live, interest at the rate of five per cent. on the amount. The town accepted the offer and a neat building of brick with brown stone trimmings has been completed. The cost was about \$11,000, the balance having been raised by subscription.

**DALTON.** The Crane town hall and library building at Dalton was dedicated February 6. It is built of brick and Longmeadow stone, and is the gift of the members of the Crane family, who are natives of the town. It provides ample accommodation for the library and for the town business. Thomas G. Carson of Boston, formerly a paper manufacturer in the town, has given the library \$1,000 for the purchase of books.

**FAIRHAVEN.** Mr. Henry H. Rogers has presented to the town of Fairhaven one of the finest library buildings in the State, which

was dedicated January 30 as a memorial to his daughter, Miss Millicent Rogers, who died at Fairhaven in 1890. The structure is of granite; the design is very artistic and it is finished and furnished in the best taste. It cost about \$75,000 and will accommodate about sixteen thousand volumes. The donor has provided a fund of \$100,000, which is held in trust by the State to provide for the expense of the library in perpetuity.

**GARDNER.** Mrs. Alvin M. Greenwood has, in addition to her previous large gifts, presented \$1,000 for the purchase of new books to the Levi Heywood Memorial Library at Gardner.

**GLOUCESTER.** The contest over the will of the late Samuel E. Sawyer having been settled, the library will receive the large bequest intended for it, amounting to about \$120,000.

**GROTON.** The new public library building at Groton was dedicated May 18. It is built of brick, in the colonial style, and cost \$27,000, of which \$12,000 was the gift of Mrs. Charlotte Langdon Sibley, the widow of John Langdon Sibley, for many years librarian of Harvard College. It has capacity for about twenty-five thousand volumes.

**HAMPDEN.** The late Lucetta Howlett left by will a sum which is to be placed at interest until it shall amount to \$10,000, when it is to be used for the erection of a library building.

**HANSON.** The Wampotuck Library Association dedicated a new library building, which cost \$6,000, at South Hanson, November 21.

**HARDWICK.** The late Dr. Lucius F. Billings of Barre bequeathed \$1,000 to the town of Hardwick for a public library fund.

**HAVERHILL.** The late Hon. James H. Carleton left by his will \$15,000 to the Haverhill public library.

**LEOMINSTER.** The late Hon. Alvah A. Burrage of Boston bequeathed \$5,000 to the Leominster public library.

**LYNN.** The will of Mrs. Elizabeth Shute gives \$100,000 to the city of Lynn for a new public library building, as a memorial to her husband, and makes the library the residuary legatee of her estate. The late E. H. Ashcroft of Lynn bequeathed \$1,000 to the library.

**MELROSE.** The late William Bailey of Melrose bequeathed two shares of his estate, which will be worth at least \$1,000 each, to the free public library at Melrose.

**NAHANT.** The town of Nahant is erecting a new building for its public library, and appropriated \$8,250 for the purchase of the lot and \$40,000 for the erection of the building.

**NEW BRAINTREE.** The new town hall, which was dedicated at New Braintree September 12, contains rooms for the accommodation of the library, with shelving for five thousand volumes.

**NEWBURYPORT.** Mr. William C. Todd, a native of Newburyport, who some time ago set apart \$7,500, the income to be used in the purchase of magazines, papers, etc., for the reading room of the public library of Newburyport, has signified his intention of increasing the amount to \$10,000 and paying the money over to the city, the income to be used as heretofore.

**NORTH ATTLEBOROUGH.** Mrs. John A. Tweedy and Edmund Ira Richards of New York and Miss Hattie T. Richards of North Attleborough have purchased the site and will erect a \$25,000 free public library building thereon, as a memorial to their parents, the late Edmund Ira and Lucy M. Richards.

**ROCKPORT.** The contested will of Mr. Samuel E. Sawyer having been declared valid, the Rockport public library will receive \$4,000.

**ROWLEY.** The late J. Henry Stickney of Baltimore bequeathed \$2,000 to the free public library of Rowley.

**SALEM.** The Hon. A. A. Low of Brooklyn, N. Y., presented \$500 to the Salem public library, to be invested in books. The late Dr. Henry Wheatland, for many years president of the Essex Institute, bequeathed to that institution his entire library as a reference library, and the sum of \$15,000, to be invested until a fund of \$25,000 is accumulated, when the income is to be used for the care and preservation and increase of the library.

**SCITUATE.** Mr. Silas Pierce has erected a building for the Association Library at North Scituate. It cost about \$5,000 and is erected as a memorial to Mrs. Pierce.

**SOUTHWICK.** The town has appropriated \$1,500 for a library building.

**SPRINGFIELD.** The late Horace Smith of Springfield bequeathed \$50,000 to the Springfield Library Association.

**STOW.** The Randall Memorial Library Building at Stow has been completed. It is constructed of brick, after a neat design, in which beauty and utility are combined, and cost about \$12,000. The balance of the gift of \$25,000 will be used to purchase the books and provide for the future needs of the library. The gift is made by Miss Belinda Lull Randall, from the estate of her brother, the late Dr. John Witt Randall. The sister carries out Dr. Randall's wish, though it was not contained in his will.

**UXBRIDGE.** The town has voted to accept the gift of a \$25,000 library building, which is to be built within two years by Mr. E. C. Thayer of Keene, N. H., in memory of his parents, and to be called the Thayer Memorial Library Building. Mr. Thayer also proposes to give the town \$5,000 in trust, the income to be used

for the purchase of books. Mr. Moses Taft bequeathed \$1,000 to the library.

**WARWICK.** Mrs. Mary J. Draper has increased the fund left by her husband to \$500, the income of which is to be devoted to the purchase of agricultural and biographical books.

**WEST BROOKFIELD.** The late J. Henry Stickney of Baltimore bequeathed \$4,500 to the public library at West Brookfield.

### TOWNS WITHOUT LIBRARIES.

The forty-four towns that still are without free public libraries contain an aggregate population of 60,929, according to the census of 1890, or less than  $2\frac{3}{4}$  per cent. of the entire population. Thirty-six of them have a population of less than 2,000, and seventeen of them a population of less than 1,000 each. One town each is in Hampshire, Nantucket and Worcester counties, two each in Dukes, Middlesex and Norfolk, three each in Barnstable, Essex and Franklin, five in Plymouth, six in Bristol, seven in Berkshire and eight in Hampden.

Over a half million of dollars has been given by individuals for the purchase of books and the erection of library buildings in this Commonwealth during the past year.

The advice of the Commission has been sought by trustees and librarians upon the establishment of branch libraries and depositories, upon the most practicable methods of rendering the libraries serviceable to the schools and upon simple and economical methods of administration. The nature of the inquiries indicates the purpose of those who have the care of our free public libraries to so administer them that their privileges shall be most easily available to the largest number of the people.

C. B. TILLINGHAST,

*Chairman.*

ELIZABETH P. SOHIER,

*Secretary.*

HENRY S. NOURSE,

ANNA E. TICKNOR,

SAMUEL SWETT GREEN,

*Commissioners.*



# ANNUAL REPORT

OF THE

## ADJUTANT GENERAL

OF THE

Commonwealth of Massachusetts

FOR THE

YEAR ENDING DECEMBER 30, 1893.

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BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
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# ANNUAL REPORT.

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Dec. 30, 1893.

To His Excellency WILLIAM E. RUSSELL,  
*Governor and Commander-in-Chief.*

GOVERNOR : — I have the honor respectfully to submit my report for the year now ending.

## MILITIA.

Chapter 367, Acts of the Legislature for the year 1893, made provision for additional non-commissioned officers required by the new United States Drill Regulations adopted, but which did not increase the number of enlisted men.

The vacancy of one company existing in the Sixth Regiment of Infantry, First Brigade, was filled by the acceptance of a company from South Framingham. The original vacancy of one company existing in the Naval Brigade was filled by the acceptance of a company from Springfield.

The maximum strength of the State force allowed now by law is 448 officers, 6,036 enlisted men. The number on the rolls at this date is : officers, 437 ; enlisted men, 5,581.

## TOURS OF DUTY.

The annual encampments, drills and other duties of the militia were held in accordance with law, under General Orders Nos. 6 and 11, C. S.

January 11, two companies each of the Fifth and Ninth Regiments of Infantry were detailed to attend the funeral of the late Maj. James P. Frost of the Second Brigade.

January 16, a detail consisting of Brig. Gen. Benjamin F. Peach, Jr., and staff of the Second Brigade, the Sixth Regiment of Infantry, Troop F, Cavalry, and Battery

C, Light Artillery, was ordered to attend the funeral of the late Maj. Gen. Benjamin F. Butler, at Lowell, the Legislature having made an appropriation for that purpose.

Troop A, First Battalion of Cavalry, Capt. Daniel K. Emerson commanding, was detailed to escort Your Excellency on the occasion of your annual visit to Harvard College, June 28.

Under General Orders Nos. 3 and 13, C. S., regimental team matches and the State rifle competitions were held.

Details for funerals of enlisted men were ordered in Company H, Fifth Regiment of Infantry, and Company D, Ninth Regiment of Infantry.

Your Excellency, with members of your staff, attended the dedicatory ceremonies of the battle monument, at Trenton, New Jersey, on October 19, to which monument the State contributed a bronze statue.

At the breaking out of a fire in Boston on March 10, the various commands located within its limits reported at their armories without orders and offered their services to the city, thus demonstrating in a commendable manner their readiness for immediate response to sudden calls.

#### **ENROLLED MILITIA.**

Returns, required by law from cities and towns, show the number liable to a draft to be 391,323, being an increase over the previous year of 17,698.

#### **RIFLE PRACTICE.**

This important branch of the service has received earnest and careful attention under the efficient Inspector General of Rifle Practice, Col. William L. Chase. I refer you to his report for the details of the progress of the work, and the great gain in rifle efficiency.

#### **HEAVY ARTILLERY.**

Some progress has been made in this important branch, and after repeated attempts to obtain substantial help from the general government in the way of appliances (without success), an appropriation was granted by the Legislature,

by which models of heavy guns and mortars will shortly be placed in the armory on Irvington Street, when drills may be had without recourse to the forts in the harbor.

A room will be provided in the South Armory, Boston, where instruction will be given to officers in the scientific branches of the artillery service.

#### QUARTERMASTER'S DEPARTMENT.

During the year the militia has been furnished with brown canvas leggings, drawn from the general government.

In view of the probable issue by the United States of magazine rifles for infantry, it has been thought advisable not to draw more of the present Springfield arm, but allow the annual apportionment to the State by the government appropriation to accumulate, in order to draw the new magazine rifle when ready for issue.

If the State delegation in Congress would introduce a bill making provision for the exchange of present arms, gun for gun, for new of same pattern, it would be a move in the right direction, as within three years the new Springfield rifles now on hand at the Springfield Arsenal will become obsolete, and may as well be in use with the militia as in the government armories.

It would seem well, under the circumstances, to allow such exchange, and arm the State forces for once with rifles of one model.

In Table No. 5 will be found the property account of this department, showing the State and United States property for which this office is accountable.

The stables on the infantry line at the State camp ground have been enlarged to accommodate the horses of the mounted orderlies and buglers. The annual repairs on buildings have been made at a small cost.

By advice of the Attorney General's office, under an act of the Legislature, this department took land for a pumping station, with the right to lay pipes to Leonard's Pond, in rear of the State camp ground. Under this advice, the pumping station which has been erected saves the expense of transportation of pump and boiler, after each camp, to and from the pond.

The State property is in good condition; that in the hands of troops has received good care, and when losses have not been satisfactorily explained the cost of articles lost has been deducted from the officer's responsibility money. It is but fair to state that the losses have been quite small.

The matter of camp and garrison equipage must receive attention the coming year. It was found necessary to condemn five hundred and nine tents out of the number on hand, which have been in use from twelve to twenty years. New tents will have to be purchased, or wooden buildings supplied for headquarters in the place of tents. From the experience of the past ten years I am of the opinion that wooden headquarters would be on the side of economy, and their erection should receive consideration.

The commands now doing duty on the State camp ground are obliged to furnish their own mess tents. The erection of wooden mess houses for use of troops and the issue of rations by the State are matters for consideration and adoption.

Prior to the year 1883 the State rented portable wooden buildings for stables, at a rental amounting to an interest of twenty-five per centum on the cost of the permanent buildings erected that year, and which have cost but little in the way of repairs since completion.

While the expense of wooden structures seems large, the saving to the Commonwealth and the militia is sufficient compensation for the outlay, and is believed to be a true measure of economy. The old tents require much expenditure for repairs.

#### CAMP GROUND.

There has been little occasion for expense on the camp ground the past year, and its condition is such that, beyond the usual grading, it will require but little expenditure of money the coming year.

It is the opinion that the arsenal, with buildings and grounds contiguous, should be sold, and the property of the Commonwealth and that in the custody of the Quartermaster General removed to Boston as a matter of convenience and economy, its present distant location requiring the keeping

of two sets of accounts. If located in Boston, but one set will be needed. The constantly increasing expense for freight, expressage, carting and the keeping of horses incident seems to warrant the change.

The growth of the town has increased the value of the land for residential purposes, and it is believed that a suitable building can be obtained in Boston, at a low rental, which would simplify the business of the department and decrease the expense.

#### ARMORIES.

The armories erected under chapter 366, Acts of 1888, are in good condition. The armory at Lawrence has been finished and was occupied in March. A new armory under the same act is being erected in the city of Lynn. I am informed by the armory commissioners that it will be completed in the early spring. The detachment armory of Troop F, Cavalry, at Ayer, was discontinued early in the year and changed to Chelmsford Centre. Headquarters of Second Regiment of Infantry was changed from Holyoke to Springfield in February. Fair accommodations only have been provided during the year by the cities of Lynn, Springfield, New Bedford and Fall River for the new companies of the Naval Brigade. The town of Beverly has provided better accommodations for Company E, Eighth Regiment of Infantry. In the town of Waltham the armory was condemned and the company moved to another. These are the only changes reported to this department.

The armory rent rolls received have been examined and allowances made in accordance with accommodations furnished and reports of commanding and inspecting officers. The armory rent rolls, having been approved by the Commander-in-Chief, were forwarded to the Auditor's office for audit, the total amount being \$34,395.26; the appropriation was \$37,000.

The city of Fitchburg and the towns of Amesbury and Wakefield did not forward returns on the date required by law, and this department has not the power to allow the same.

The appropriation for care and furnishing armories

erected under chapter 366, Acts of 1888, was \$15,300 for the year, and the additional amount of \$1,800, appropriated in 1892 for the Lawrence Armory.

There has been expended of this as follows: Boston Armory (East and South), \$7,699.65; Worcester Armory, \$2,646.94; Lowell Armory, \$1,561.01; Fitchburg Armory, \$1,635.62; Lawrence Armory, \$3,544.43. The above amounts include everything but gas bills for December, which are not due until Jan. 1, 1894.

#### ADJUTANT GENERAL'S DEPARTMENT.

The accounts of the year have been prepared and certified to the Auditor for audit and payment, and the appropriations exhausted, except that for the incidental expenses of the office.

The following amounts have been expended: for pay, transportation, supplies and expenses of the militia, \$161,-357.83; on State camp ground, \$932.25; balance on hand at last report, from receipts for condemned property, \$67.09; sold condemned property during the year amounting to \$772.22; expended of this amount, on buildings for pumping station and repairs on buildings, \$754.13.

On Jan. 1, 1893, there was a balance to the credit of the State, at Washington, of the appropriation for arming and equipping the militia, of \$4,812.53; by the allotment to States, July 1, 1893, \$13,074.31 was added, making a total of \$17,886.84 to the credit of the State, against which there has been drawn for supplies issued during the year the sum of \$4,810.88, leaving a balance available of \$13,075.96.

The navy department, from the appropriation for the equipment of the naval militia, placed to the credit of the State this year the sum of \$5,190.75, which, added to the balance on hand January 1, \$78.08, made a total of \$5,268.83. From this there has been drawn supplies for the naval militia amounting to \$638.31, leaving an available balance of \$4,630.52.

I again repeat that the navy department is most liberal in its allowance for a small command, appropriating as it does nearly one-half as much as is allowed for the entire

military force in this State. It can be readily seen that this branch of the service receives care and attention from the general government which thoroughly equips it, while the land force has not appropriation enough, as it takes the entire annual apportionment to purchase one modern battery, and all of it to supply one thousand rifles of the pattern now in use.

Under the present annual appropriation the newly adopted rifle cannot be supplied until years have elapsed, and by that time the arm will have become obsolete. Several bills have been presented to Congress for relief, but in every case without success. When it is understood that the State cannot purchase or draw arms beyond the regular appropriations by Congress, and as the War Department cannot sell or exchange, it will be seen how powerless this department is to remedy the existing conditions.

The light batteries are old and obsolete, requiring many repairs, having been in use for many years, yet the Ordnance Department cannot loan or exchange old for new field carriages of same pattern in its possession but in good condition, which have been discarded and are stored away never to be used by the army.

I would suggest that the attention of the congressional delegation be called to this subject and their aid invoked in the passage of the bill now before Congress, known as House Bill No. 4291.

#### WAR RECORDS.

The usual routine work has been continued in this branch of the office at an expense for clerical service, books, stationery, etc., of \$5,300. This work has been greatly facilitated by the preparation of a card index to the rolls containing the names of soldiers enlisting to the credit of the Commonwealth during the Rebellion of 1861–65, and it is hoped that at some time not far remote this card system may be made of greater service, when it shall contain the full record of each individual in addition to the name.

The appropriation by the Legislature for the preparation of the index (chapter 67, Resolves of 1892; chapter 187, Acts of 1893) was \$2,175, and the expense \$1,790.21.

## NAVAL RECORDS.

The naval war records are being carried forward towards completion with due care and correctness. Numerous records of service have been revised and corrected during the past year, consisting of errors of names and transposition of services of men under similar names. Additional records of enlistments continue to enlarge the list of sailors and marines, which add increased correspondence and work of compilation. The index of the entire complement is being revised and put in form, to be arranged in alphabetical order.

The appended list of officers, line, staff and warrant, both regular and volunteer, who served from 1861 to 1865, is considered quite complete from all official data on file at the Navy Department and in this office, and is interesting in showing the resources of the State during those years in supplying the demand with signal success in the various departments of the naval service. The maritime prestige of its volunteer officers of the line, the professional ability of the medical corps, the standard of the paymaster's department and of the engineers' corps, make a valuable record, and unprecedented in comparison with the population of the State at that time.

It may be well to state that an admiral held relative rank with general in the army; vice admiral with lieutenant general; rear admiral with major general; commodore with brigadier general; captain with colonel; commander with lieutenant colonel; lieutenant commander with major; lieutenant with captain; master with first lieutenant; and ensign with second lieutenant.

Staff officers in the navy held assimilated rank with the line, from captain to grade of second lieutenant, according to seniority of commission or appointment.

The regular officers who had their residence in Massachusetts show: rear admirals, 2; commodores, 5; commanders, 5; lieutenant commanders, 9; lieutenants, 13; master, 1; surgeons, 4; passed assistant surgeons, 9; assistant surgeons, 24; paymasters, 10; assistant paymasters, 3; chief engineers, 7; first assistant engineers, 10; second assistant

engineers, 21 ; third assistant engineers, 3 ; chaplain, 1 ; boatswains, 10 ; gunners, 13 ; carpenters, 11 ; sailmakers, 5.

Marine corps : lieutenant colonel, 1 ; first lieutenants, 2 ; second lieutenants, 3 ; midshipmen at Naval Academy and at sea, 53, making the total line, staff, warrant officers and midshipmen, 222.

The volunteer officers who had their residence in the Commonwealth and were appointed by the honorable Secretary of the Navy show : acting volunteer lieutenant commanders, 8 ; acting volunteer lieutenants, 61 ; acting masters, 268 ; acting ensigns, 497 ; acting masters' mates, 416 ; acting passed assistant surgeons, 5 ; acting assistant surgeons, 89 ; acting assistant paymasters, 116 ; acting chief engineers, 2 ; acting first assistant engineers, 34 ; acting second assistant engineers, 84 ; acting third assistant engineers, 239 ; acting boatswains, 4 ; acting carpenters, 3 ; acting gunners, 18 ; making a total of volunteers, line, staff and warrant officers, 1,844. Total number of officers, regular and volunteer, 2,066.

The appropriation for this work was \$2,000, and the expenses for the year \$1,996.70.

#### RECOMMENDATIONS.

That a mess kit be issued to companies, to be kept in the armories ready at hand for use of the militia when called out in any emergency that may arise ; that the batteries of light artillery be repaired as far as possible to insure safety, and provision made for target practice with projectiles ; that the wearing of full dress uniforms on all duty, whether or not it is advisable to have the major portion of State duty performed in fatigue and working suits (with a full and proper field equipment), with the view to educate the troops more fully in field and emergency duties, claim consideration ; that the advisability of regimental or post camps should command attention ; that the school for officers (advised by the board of officers on revision of regulations) be called early in the year ; and that officers be required by orders to attend this school of instruction, which will tend to educate officers in details now neglected.

Attention is respectfully called to the disparity in rank

which exists under the law recently enacted, whereby the paymaster of an eight-company command outranks the paymaster of a twelve-company command, whilst the surgeon is reduced in rank.

It is recommended that section 29 of the Acts of 1893 be so amended as to give to the surgeon in the Naval Brigade the rank of lieutenant commander, corresponding with the rank of major held by all other surgeons in the militia, and that the rank of the paymaster be that of lieutenant, junior grade, corresponding with the rank of first lieutenant held by other paymasters in the militia service of the Commonwealth, and which was the intent at the time said law was framed.

The attention of commanding officers is directed to the recommendation of the commander of the Second Brigade in his report herewith, that some uniform method be prescribed for the care and arrangement of quarters, to the enhancement of the appearance of the camp, which meets the approval of this office.

The various reports required from the Surgeon General, Inspector General and commanding officers will be published in the printed report of this department.

In closing my report I desire to extend to Your Excellency my most profound appreciation of your kindness and consideration during the past three years of my service with you, and to extend to you my sincere thanks and good wishes as you leave the office of Governor of the Commonwealth.

I desire to thank the members of your staff for the many courtesies extended during three years of military duty.

Very respectfully,

Your obedient servant,

SAMUEL DALTON,

*Adjutant General.*

## REPORT OF THE INSPECTOR'S DEPARTMENT.

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COMMONWEALTH OF MASSACHUSETTS,  
OFFICE OF INSPECTOR GENERAL,  
BOSTON, NOV. 30, 1893.

Major General SAMUEL DALTON, *Adjutant General, Commonwealth of Massachusetts.*

SIR: — I have the honor to submit report of this office for the year 1893. The conditions existing in the service, and the present efficiency of the militia of this State, were brought clearly before you in my last report.

If the force is inadequate, the organization imperfect or the preparation and instruction incomplete, evils enough exist for correction.

Only so far as inspections develop inherent weakness, which may account for much that is unsatisfactory, is there any reason for more than a routine report upon a condition, apart from the causes which directly mould such condition.

Criticism is empty unless constructive as well as destructive. Therefore reference was made in the report for 1892 to such methods as would lead to improvement.

Reviewing the work of 1893 to come to any sound conclusion of the progress made, if any, it seems well to determine what the volunteer militia are for.

Under the statutes they exist: "To resist invasion, quell insurrection, aid in the suppression of riots, to assist civil officers in the execution of the laws of the Commonwealth, or in times of public danger they shall first be ordered into service."

There is therefore a definite duty assigned the State troops; upon them rests a serious responsibility. The militia stands as the strong arm of impartial justice. The loyal citizens who voluntarily devote their time, with much self-sacrifice, in patient preparation, through strict discipline, to be the firm reliance in any ultimate appeal to maintain law, order and good government.

Such a leaven in the community is of incalculable good. Drawn from the people, they become the proper allies, in a free country, of the administration chosen by the people. Knit together by the

regulations and customs of military service, intelligently led by competent officers who recognize the sacred trust of commission, and composed of those whose patriotism prompts enlistment, strictly unpartisan, they are the backbone of the rights of every citizen, the steady brake on thoughtless indiscretion, the present help in time of trouble.

Local interest in the neighborhood where the companies are recruited should keep the ranks filled with those keenly alive to the importance of peace within their border.

With thorough organization, the volunteer force, well handled upon a uniform system, would prove the best insurance against wanton sedition, the most efficient and conserving repressive power to suppress riotous outbreak.

Again, if brought abreast of the times, the militia would be of account as a first reserve to the Regular Army for such national defence as the future may have in leash. Every reason endorses the wisdom of a relatively small standing army in these United States, but common sense emphasizes the need of the wise alternative, a progressive militia, of public-spirited citizen soldiery, well equipped, well drilled and well led.

It would require 90,000 men to garrison the fortifications of the United States should such requisition arise; this work would fall largely to the militia, and substantially require the whole National Guard available, say 90 per cent. of the present enlisted strength.

#### THE MASSACHUSETTS VOLUNTEER MILITIA.

To such extent as the troops of Massachusetts have advanced to this essential state of preparedness, the force has realized the expectation promised by the excellent *personnel*, rank and file, who form the active militia.

In an official report it is necessary to consider what duties devolve upon State troops, and how far such are discharged.

I have the honor to express my belief that —

(1) Every reason exists for a militia instinct with soldierly vitality.

(2) That the Massachusetts volunteer militia, under your steady development, are in a far more efficient condition now than at any time since their formation.

(3) That their establishment on a thoroughly military footing has found permanent acceptance. That further progress is demanded.

(4) That their present advance in proficiency justifies the appropriation made for their maintenance and support.

(5) That manifest shortcomings should be promptly rectified.

With all that can be said in commendation of the present status of the service, it falls short in many ways of what the force should be and readily might be. The evolution of the citizen soldier is not yet complete. The service can be brought abreast of its present appearance, and made to square with what it pretends to be.

Referring once more to the several points outlined in my previous report:—

A. — Of the force :

1. Equipment.
2. Leadership.
3. Material in the ranks.
4. The position of the non-commissioned officers.
5. The handling of inefficient companies.

B. — Of the organization of the militia :

1. Staff appointments and their special duties.
2. Retired list.
3. Mounted arm.
4. Ambulance Corps.
5. Company management.

C. — Tours of duty :

1. Camps.
2. Rations.
3. Marches.
4. Field days.

A. — OF THE FORCE.

Called upon under great local excitement, the volunteer must be schooled to do his duty instinctively. All drill and instruction should lead up to competence in an emergency.

1. EQUIPMENT.

Whatever fits troops for more practical work on service is a step toward a better force.

The issue of canvas leggings, as recommended, has been suggested.

I have the honor to repeat my former recommendation that the thimble belt replace the present one, in which the cartridges are hard to get at.

The work of the Signal Corps in their distinctive sphere has shown decided progress. Their equipment is far from what it should be. Beyond the defects in their signalling outfit, it would seem to me desirable to arm them with the carbine. In any active

service the position of a signalman may often be far to the front and efficiency consists quite as much in reporting on what he sees of the enemy as in merely transmitting messages between the integral parts of a command. In such work he is likely to run against the advanced scouts of the enemy. He should be assured the chance to report this information to the main body.

With the present aggressive weapons of a flag, or a leaking oil can, he is somewhat handicapped. With the keenness developed by signalmen, their acute and instinctive observation, with the carbine they should be a match for the occasional scout or patrol encountered. With the relatively smokeless and noiseless powder of the near future, the signalman has even greater advantage, because he will move from vantage point to vantage point, and greater familiarity in topography will be of material assistance.

Certainly some arm of defence is desirable. The carbine is a fit weapon, because there are times when the signalman will be mounted, or should be; again, it is more than likely that bicycles will be introduced in the Signal Corps, as a ready means of rapid transportation.

I take this occasion to express my belief in the working suit, and it is to be hoped that the time may come when all the State troops may have a similar uniform for rough weather. Beyond the economic saving of the regular uniform, it would give the troops a change of uniform, which is very desirable should one suit get wet through.

The working suit can be compressed into small compass, and with a change of flannels, stockings, boots and a few necessary articles of toilet, be stowed for comfortable carriage. Restricting men to the fatigue uniform alone, or with the change to the senseless straight jacket of full dress, certainly leaves troops at a disadvantage for service, where they may be exposed to the inclemency of the weather. Fortunately the troops of this State have not been called out for such action.

The outdoor work of the militia comes in warm or temperate weather. Uniform and equipments are serviceable under such conditions. Is preparation made only for a camp campaign?

Even with the great-coat, winter duty would be severe on the men; the great-coat of the officer is warmer.

I recommend for your consideration the issue of jerseys, either as part of the State uniform or at the cost price, to companies or men who saw fit to buy them.

A jersey of medium weight could be worn singly in the summer, and the uniformity might permit drill, on the hottest days, without the blouse. The extra warmth, in winter, would offset the absence

of the waistcoat, and with a suitable under flannel, would fit the men for duty in rough weather.

The issue of rubber blankets, sanctioned by other States, if added to the outfit of companies, would add to their readiness for actual service.

The matter of suitable gloves for winter service has been brought to your attention.

The question of transportation of camp baggage remains *en l'air*. There should be established the proper allowance per company. Very little suffices for the needs of a *soldier*. It is unmilitary to encourage, or longer permit, anything beyond what is absolutely necessary on a tour of duty.

Some preparation should be made for the permanent provision of transport facilities for any emergency. An inexpensive method has been presented by the department.

## 2. Leadership.

The volunteer should be intelligently led, and to feel confidence in his officers they must possess more than the suffrages of their men.

A body of men ill trained and led by incompetent officers will be of no use, however well armed or quickly brought into action.

The rapid advance in the science of war imposes new standards, and demands higher requirements of officers. Not so much is expected of the volunteer as the regular, but the militia fills a place in the framework of government. The officers must know enough to discharge such military duties as come under their direction. No more is essential, but emphatically this much at the very least.

Now, the training of a militia officer should go deeper than the present accepted standard. The men they command are citizen soldiers, and it will not do to feel that any fancied greater individual intelligence will offset persistent preparation for action. The creditable or disastrous discharge of duty depends largely upon leadership, and the test of fitness for war is not the execution of drill movements, which is preliminary, but their application.

As the State sees fit to maintain a militia, it is the duty of the State to place the means to become competent within the reach of public-spirited citizens who give cheerfully of their time and thought and means as officers.

A course of instruction should be opened, at which officers voluntarily might attend.

What an example Massachusetts might set by a plain, straightforward step to afford officers of the militia the opportunity to live up to their commissions!

To make the most of our militia means, first of all, to raise to the highest attainable level the professional value of the officers. The officer in war has at once to lead and control those below him. This comes to him a trust, committed by higher authority; officers are the moral backbone of the service. "The officers and discipline are two names of the same thing."

There is such an earnest desire among officers to do their duty as well as they can, that it is not too much to hope for a cordial response to any move for their advancement. Such a step must rest with the State. There could be no better expenditure from the appropriation than the slight outlay to insure competence in officers to whom the service is entrusted, and upon whose efficiency the force stands or falls.

Officers, to properly command, should have more than a knowledge of drill regulations sufficient to pass the Examining Board, to be capable leaders of an organization liable to be called out for independent action. The care of the men under their charge justifies some elementary knowledge of military hygiene. A general knowledge is well condensed in the book prepared by Dr. Woodhull of the United States Army; the information therein would be useful for any man, and I recommend that in the examination for promotion cognizance be taken of the first principles of military hygiene, that the officers of this State be brought upon a thoroughly military footing. This does not imply any professional knowledge as such, but what every officer ought to know to whom a command is given. The details can be safely left in the hands of the admirable medical department in this State.

I heartily welcome the proposed Staff College, but earnestly urge that it be so thorough as to accomplish more than possible in a few evenings' attendance for lectures by volunteer officers.

### 3. *Material in the Ranks.*

There is always great difficulty in improving an old system. Surely the character of those who are accepted for State service should be taken into account.

Greater care in selecting recruits has led to a better *personnel* in the ranks. There is need of more caution to take in the most desirable and most stable material.

The discharge "for the good of the service" reflects directly upon the judgment of company commanders, and shows too little knowledge of the men accepted.

Discharges by reason of removal are inevitable to some extent, but could be pruned by limiting enlistment to such as had every reason to expect permanent residence.

Independent of the time thrown away on drilling men liable to drift away, and the consequent uncertainty of the effective strength of a command, the uniforming of such restless material is a great expense, and, as it is shown, useless, wasteful.

Again, it necessitates fitting out new men in old clothes, which tends to keep out of the ranks many good men. Some system by which a recruit might purchase at reduced cost his trousers at least, or blouse, cap and trousers, on the distinct understanding that they were to remain State property, would go far to overcome the present and natural scruples which militate against regimental enlistment.

### *Of the Awkward Squad.*

Many companies suffer from the introduction of recruits in the ranks before elementary drill. The militia are not drawn from a leisure class, nor are all of them athletes. In their ordinary work, usually, only one set of muscles comes into use. As a result, certain movements and parts of the manual are difficult, even painful to some men. Their military education, physically, requires patience to overcome tendencies to slur and imperfectly master, the easy clean-cut snap characteristic of a thoroughly well-drilled company.

Apart from their soldierly duties and progress as efficient volunteers, the development of these unused and weaker muscles directly benefits their health and bodily vigor. Under consistent preliminary work in the awkward squad, left when these deficiencies have been overcome, the force would be better grounded for service. An inspection is often marred by a few men, not necessarily over-stupid or clumsy, but whose faulty set up and labored execution, carries its commentary on the officers who slight what stamps their own work with neglect in details eminently military. Whenever practicable, armories should have a gymnasium — nothing elaborate, but where the men can, and recruits should, exercise to some extent.

In some commands attention has been directed, and with good judgment, to this very practical work. However, gymnastics are not to show jumping or activity (certainly not running) before the enemy, but to harden the muscles of the men. With strength grows self-confidence; with self-confidence courage. A high general average is what is essential, rather than a group of notable athletes who carry the reputation of an organization beyond and out of sight of the real conditions. The days of a David and Goliath are past, and when armies meet again there will be a solemn reckoning of the use made of the means to insure fit preparation of rank and file.

The improvement noticed in 1892 has continued, and the material in the ranks is excellent on the whole.

#### 4. *The Position of Non-commissioned Officers.*

Under the new drill regulations, as squad leaders, they have very important duties. As leaders of tent squads, upon them rests the responsibility of good order, and military silence after taps. It is their duty to see that the men of their squads go on duty properly uniformed. As possible officers they must get the knack of handling men and keeping control over them, and this is part of their duty as non-commissioned officers.

I have the honor to suggest that, with the recognition of the need of proficiency with the rifle, and the desirability of having some official on the range when firing is done for record (1) to coach the beginner; (2) to correct the faulty position of the non-marksman; and further (3) to certify scores and supervise firing to prevent accident; as well as (4) assist in preparation of reports—there be added to the non-commissioned staff a rifle sergeant, competent to assist the rifle inspector.

There are many capable enlisted men who can arrange to spend a day or two, during the target season, in this very important work. The progress secured would fully justify the allowance of the State pay. This matter has been referred to at greater length in the report of the Inspector General of Rifle Practice, whose views for the most part coincide with my own.

The non-commissioned officers have made marked progress, and their general good work deserves commendation.

There should be a systematic examination, upon well-settled principles, before warrants are issued.

Make the chevron stand for something, and it will be incentive to better work all through the company. The first step will be taken toward a strong underpinning to the force by the development of respected and self-respecting non-commissioned officers.

#### 5. *The Handling of Inefficient Companies.*

Without armory inspections, the department has been unable to decide whether the inefficiency shown by certain companies in the field warranted their continuance in the service.

As the annual outlay on every company averages some \$1,610, the retention of an unfit company, with the many acceptable organizations anxious to join the militia, works an *injustice* to those whose higher standard deserves recognition, as well as involves reprehensible impairment of the force.

The department know of desirable material for new companies in towns and cities where there is eminent reason for companies to

exist. There is every reason to believe that there are worthless, or certainly useless, companies now in the service. Deprived of the opportunity of the closer inspection necessary to decide precisely what companies first should be disbanded, the department realizes its openness to the criticism of partiality and the lack of military courage, which has permitted incompetents to continue longer in the service, and forces competents to wait.

It is a serious matter to disband any company. With long sufferance companies are kept alive and in the service, but far below the standard and prejudicial to the reputation of the militia. This fails to commend itself to me as the full discharge of the responsibility resting upon the military administration. Just so long as better material is ready and willing to come into the force and improve it, procrastination in decisions that call for radical measures lays the militia open to cavil, criticism and condemnation.

#### B. OF THE ORGANIZATION OF THE MILITIA.

It is the province and duty of this department to guard with jealous care the interests of the State in every matter that pertains to military service; to report extravagances, carelessness and irregular methods, and to promote efficiency and economy throughout every branch of the service.

##### *1. Staff Appointments and their Special Duties.*

The duties of staff officers call for special aptitude, and the service requires that appointees should pass an examination as to capacity and fitness for the special department to which they may be called.

The function of the staff is to render assistance to a commanding officer, and an efficient staff is part of the military organization. At least in their particular departments they must add to the competence of their chief, for the commanding officer must be relieved of routine details, to have the proper time for thought to acquit himself of the greater responsibilities that rest upon him.

Outbreaks, and wars for that matter, are so sudden and spend their force so quickly that there is no time to fill up the void of military knowledge when the time comes to make use of it.

The appointment of staff officers is open to criticism. Eminent military fitness does not seem essential. The *personnel* is such as to show undoubted ability, but too often failure to improve opportunities.

Until some measures be taken to insure greater strength in the staff, the militia is far from a state of efficiency.

### 2. *Retired List.*

I cordially welcome the adoption of my recommendation for a retired list.

If the limit had been set at seven years in commission, or optional on the attainment of rank of colonel, subject to endorsement of higher authority, it would result in greater benefit to the militia, in my opinion.

### 3. *Mounted Arm.*

*Artillery.* — I have the honor to call attention to the *material*. The carriages are old and obsolete, and the State runs a serious risk from the dangerous deterioration in some of the present equipment in use.

The policy of not expending money on this old equipment is a good one and the general government might increase the appropriation to States in order that proper equipment can be drawn.

Artillery is distinctly a scientific arm of the service, maintained at great expense, and commission should be in recognition of some real professional knowledge, with fitness for the exceptional leadership that becomes artillery officers.

With fair general *personnel*, and many instances of *signal* excellence, there exists much that reflects no credit on the force.

It is the fault of the organization that it is keyed for the efficiency required in the discharge of blank ammunition. The anomaly of an artillery whose fire action is restricted to salutes seems the inalienable right of Massachusetts.

Attention was called to the importance of actual practice, and the necessity for such range is urged again, with respectful insistence.

There are doubtless difficulties in the way of finding proper ground for practice. Difficulties are things to overcome.

Again, the horsing of batteries is upon a peculiar footing. It is hard to expect any more efficiency from the horses than the men, with a few days in camp, or occasional street parade a year. If it be proper to have batteries in the militia, it is the duty of the State to do more than furnish guns, powder, a commission, blank returns and pay for service which is neither theoretical nor practical.

Beyond facilities for target-firing, there should be provision made for a permanent establishment of horses, enough for at least one gun. Arrangements might be made by which horses could be used by the several batteries in turn, two months each. The cost would be trifling, compared with what could be gained, and there

would be plenty of opportunities for the horses to work out a portion of what it would cost to make them efficient.

*Cavalry.*—Important as cavalry always are in war, in peace they are too often sent to the rear, as an expensive arm to maintain, and difficult to recruit with the proper *personnel*.

There was danger lest our cavalry be merely men on horseback. The problem of making them more has been worked out toward soldierly results from within, through untiring zeal of officers, non-commissioned officers and men.

The several troops to-day show progressive development. They fall short of what volunteer cavalry might attain, but the responsibility rests now with those whose cordial support is needed to round the force out to its potential strength.

The moral effect of well-disciplined, compact mounted troops, in prompt and decisive suppression of lawless outbreak, has been accentuated by experience in this State. Cavalry possess shock as well as fire action.

The good use reliable troops could be put to certainly warrants drilling them for more than show. While the lance may be a poor weapon at close quarters, in the advance of a solid line of galloping horsemen the lancer would do excellent service.

I would repeat my recommendation that mounts be furnished for squad drills, that every man may have opportunity to fit himself for service duty. This can be managed upon business principles, and the sixteen horses requisite for weekly drill experience secured without large outlay.

Commendable as is the work in this direction now done in one troop, essential preparation for all should be undertaken by the State.

With the enthusiasm characteristic of the mounted arm, capital work might be done by small detachments in practice reconnaissance. Some troops own their mounts, and cross-country riding under an officer or competent non-commissioned officer would prove instructive, and leave the command with men in hand for any exigency. It is not difficult to master rough road maps, and such knowledge is distinctly military. Whatever broadens acquaintance with service conditions increases interest and leads to greater thoroughness.

The time has come when the mounted arm can be brought quite abreast of the time, and there is no reason why our standard should be under that of the volunteer service elsewhere. There is less shifting in the ranks, certainly in the cavalry; and economy, for substantial results, prompts particular attention to recruits. It is my firm conviction that the State should do more for this arm,

and that comparatively small expenditure would insure desirable competence and would be most judiciously spent.

#### 4. *Ambulance Corps.*

I approve most heartily the increase in numbers, and higher rank of the accomplished commanders of these corps, recommended in the report of 1892. It becomes my duty to emphasize again all then said in favor of having certainly two officers on duty in each corps. It is singularly short-sighted to continue short-handed. With the splendid *personnel* to draw on, with many zealous and capable doctors ready to accept commission, no reason exists for longer maintenance of the present organization.

I have the honor to recommend that the Ambulance Corps be consolidated, under a major, two captains and two first lieutenants. The tour of duty, under a captain and lieutenant, with twenty-five men in each brigade encampment, and such supervision by the major as the Surgeon General may determine.

I have the honor further to recommend that doctors in full standing, who have served the full (five-year) enlistment and earned the chevron, be permitted to retire with the rank of second lieutenant. The great benefit to the service of such valuable men well justifies this recompense.

The consolidation of the corps, on the broad lines of your suggestions, would give the State an efficient command to draw on in any unusual disaster, or the prevalence of any epidemic that necessitated the employment of the volunteers.

The standard in these corps has won my appreciative commendation. Their work shows year after year what can be done if the officers lead their men. In the medical department professional ability gives to the State an example of what the line could do if once aroused to their possibilities.

#### 5. *Company Management.*

Without armory inspection it has been impossible to state whether the unsoldierly conditions that came to light in 1892 have been rectified or not. From the little information the department has been able to gather there has been little improvement, if any.

#### C. TOURS OF DUTY.

Attention is called to the reports of commanding officers, which summarized the features of camp which they deem of particular importance.

Tables of attendance follow : —

*Camp Duty.*

ORGANIZATIONS.	1893.										1894.			
	1893.	1892.	1891.	1890.	1889.	1888.	1887.	1886.	1885.	1884.	1883.	1882.	1881.	1880.
First Brigade, . . . . .	19	17	19	18	19	10	11	10	10	10	11	10	11	10
Second Brigade, . . . . .	18	19	19	14	16	17	18	17	17	14	18	14	18	14
First Regiment Infantry, . . . . .	722	720	719	709	731	712	628	664	664	712	628	692	628	692
Second Regiment Infantry, . . . . .	659	681	693	677	671	664	425	671	664	712	425	402	425	402
Fifth Regiment Infantry, . . . . .	685	670	744	701	714	730	473	730	730	730	473	389	473	389
Sixth Regiment Infantry, . . . . .	684	613	716	677	677	659	665	659	659	659	665	599	665	599
Eighth Regiment Infantry, . . . . .	680	653	673	613	674	696	626	696	696	696	626	544	626	544
Ninth Regiment Infantry, . . . . .	669	692	707	692	652	652	456	652	652	652	456	451	456	451
First Corps Cadets, . . . . .	205	204	188	163	164	160	137	164	160	160	137	132	137	132
Second Corps Cadets, . . . . .	179	173	158	145	138	143	84	143	143	143	84	98	84	98
First Battalion Cavalry, . . . . .	135	165	157	155	155	160	159	160	160	160	159	135	159	135
First Battalion Artillery, . . . . .	187	200	203	216	237	205	222	205	205	205	222	190	222	190
Troop F, Cavalry, . . . . .	77	70	72	73	78	69	75	69	69	69	75	75	75	75
Battery B, Artillery, . . . . .	—	—	104	94	94	92	88	94	92	92	88	81	88	81
Signal Corps, First Brigade, . . . . .	26	24	21	23	17	25	25	25	25	25	25	23	25	23
Signal Corps, Second Brigade, . . . . .	25	26	25	24	23	21	25	21	21	21	25	24	25	24
Ambulance Corps, First Brigade, . . . . .	20	15	12	15	16	15	16	15	15	15	16	14	16	14
Ambulance Corps, Second Brigade, . . . . .	12	16	10	14	16	16	11	16	16	16	11	—	11	—
Naval Brigade, . . . . .	447	218	204	196	—	—	—	—	—	—	—	—	—	—
Battery A, Artillery, . . . . .	105	106	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	5,554	5,282	5,444	5,219	5,082	5,090	4,144	5,090	5,090	5,090	4,144	3,813	4,144	3,813

*Annual Drills.*

ORGANIZATIONS.	Annual Drills.									
	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
First Brigade, . . . . .	-	-	-	8	-	-	8	17	-	-
Second Brigade, . . . . .	-	-	-	17	-	-	17	18	-	-
First Regiment Infantry, . . . . .	697	702	697	704	697	697	656	704	697	681
Second Regiment Infantry, . . . . .	612	616	668	605	668	668	636	605	668	608
Third Regiment Infantry, . . . . .	617	651	616	580	616	616	620	580	616	620
Fourth Regiment Infantry, . . . . .	654	668	607	643	607	607	634	643	607	653
Fifth Regiment Infantry, . . . . .	668	621	566	627	566	566	627	627	566	634
Sixth Regiment Infantry, . . . . .	685	686	688	553	688	688	651	553	688	671
Seventh Regiment Infantry, . . . . .	201	201	181	164	157	157	164	150	157	181
First Corps Cadets, . . . . .	172	153	135	148	135	135	148	136	135	157
Second Corps Cadets, . . . . .	132	138	131	160	131	131	148	148	131	126
First Battalion Cavalry, . . . . .	170	176	199	209	199	199	204	204	199	171
Second Battalion Cavalry, . . . . .	74	67	66	74	66	66	74	67	66	77
Troop F, Cavalry, . . . . .	-	-	-	-	-	-	-	-	-	-
Battery B, Artillery, . . . . .	22	24	17	22	17	17	22	17	17	21
Signal Corps, First Brigade, . . . . .	23	28	20	24	20	20	24	23	20	19
Signal Corps, Second Brigade, . . . . .	19	13	14	14	14	14	14	13	14	15
Ambulance Corps, First Brigade, . . . . .	9	14	14	15	14	14	15	16	14	11
Ambulance Corps, Second Brigade, . . . . .	289	124	180	-	180	-	-	-	-	216
Naval Brigade, . . . . .	106	103	-	-	-	-	-	-	-	106
Battery A, Artillery, . . . . .	-	-	-	-	-	-	-	-	-	-
Totals, . . . . .	5,100	4,880	4,775	4,550	4,679	3,506	3,349	-	-	-

While some organizations show a nominal falling off, their strength has improved by the smaller sprinkling of hot-house enlistment.

As bearing on the efficiency of the militia the following table is submitted showing the percentage of marksmen of record for the last three years : —

ORGANIZATION.	PERCENTAGE OF MARKSMEN OF RECORD.		
	In 1891.	In 1892.	In 1893.
First Regiment Infantry, . . .	62.65	72.35	80.66
Second Regiment Infantry, . . .	74.88	79.91	91.66
Sixth Regiment Infantry, . . .	60.03	69.33	84.70
Troop F, Cavalry, . . . . .	45.56	36.70	56.09
Fifth Regiment Infantry, . . .	63.79	65.31	71.56
Eighth Regiment Infantry, . . .	45.01	50.46	71.86
Ninth Regiment Infantry, . . .	24.49	37.93	65.15
First Battalion Cavalry, . . . .	31.42	34.28	37.72
First Corps Cadets, . . . . .	71.49	80.87	80.26
Second Corps Cadets, . . . . .	57.77	62.90	59.81
Naval Brigade, . . . . .	45.20	85.37	93.43

	1890.	1891.	1892.	1893.
Number qualified or requalified during year, . . . . .	1,551	2,383	2,925	3,910
Marksmen in service close of year,	2,459	2,828	3,401	4,377

### 1. *Camps.*

Nothing is more needed to render the efficiency of the militia complete than a course of applied drill to supplement theoretical instruction. It is emphatically desirable now, when new equipments and drill regulations are under consideration.

*As to the drill:* the present Regulations are of Franco-German extraction, and while in accord with the principles of modern war, as understood by European authorities, are as yet in an experimental stage here.

Admirable for highly trained and disciplined troops, it is a question how far well adapted the present Drill Regulations are for the militia. To some extent modifications must be made for any improvised armies of this country.

The responsibility rests upon the troops of making the most of the system which comes stamped with the approval of the army. The drill must be mastered to be put into practice, that by the execution of the movements the strong points as well as any weakness may be emphasized. From the experience gained will come a revised drill thoroughly American as in touch with the conditions and possibilities of our soldiers.

As the volunteers will form the larger part of any army in real warfare here, the solution of this problem must be studied by volunteers, as it intimately concerns their proper training. Again, from their numerical superiority to the Regular Army, and better grouping in larger commands available for drill and manœuvring, they have a duty of great importance in the practical illustration of the present Regulations.

*As to field service:* the annual encampment has familiarized the volunteer with the method of camping in tents, but it may be doubted whether the conditions of war have not been entirely lost sight of. The very excellence of arrangements made for the comfort of the men during the week's training seems almost to be a source of danger. As a rule, the command on arrival find the tents pitched and the camp ready, and during the whole week breakfast, dinner and supper are provided with a regularity even greater than that of an ordinary household. There is nothing wrong in this, for the main object of the week's camp is to have plenty of time for drill; but undoubtedly a commanding officer would do well if he should insist, even at the risk of losing half an hour's drill, on the observance of one or two of the conditions of a campaign.

It was doubtless paternal kindness which prompted this protective policy for the militia. It has relieved them of some drudgery at the expense of pretty essential features for any experience in campaign work.

Again, attention is called to the advance made by taking to camp only those men who can serve the greater part of the tour of duty. When a man is in camp for a day, or only over one night, there is a tendency to disregard camp regulations. This results in a noisy, restless camp after taps, and disturbance to the men in the same tent. Quite independent of the item of transportation for a skeleton duty, such an element demoralizes a company, and should be put an end to. Volunteers are all civilians, and as such have plenty of opportunities for amusement all the year round. The militia would do well to copy the army in things military, and let the return to the days of their boyhood gladden the fireside of home.

The intention of the wholesale discharge of men who have not reported for duty in camp is excellent in theory. More time should be allowed for absentees to submit their reasons for absence, as otherwise many desirable men may be lost to the service. If returns are made after one drill night, say ten days after camp, equitable results are secured.

Excellent as the camp ground at South Framingham is for the purpose of elementary drill, military movements should be conducted over ground more nearly resembling what would be fought over in action. It is quite practicable to find just the sort of varied ground most desirable, near a railroad, and yet to be had for a very small outlay. About a mile to a mile and one-half square would make an ideal camp for manœuvres. This should be selected quite away from any town or station. Inexpensive barracks could be put up near the track, and certain trains stopped for the convenience of the force on duty.

Work really instructive would be practicable there, and there could be no greater spur to efficiency.

Safe ranges for rifle fire would be possible, and the commands would get invaluable experience for actual service.

Over such ground there need be no "vain repetitions," but each day of every year would teach new lessons, impossible at South Framingham.

The proper allotment of baggage would do away with the senseless truck, apparently necessary for the volunteer in a show camp, while the absence of the civilian camp follower would be a crowning mercy.

Here there would be admirable room for marching and extended order, as it would be taken for keeps; and with the issue and use of light entrenching tools would come a proper grounding in this necessary accomplishment for a soldier of these days.

While we may well be proud of the superbly appointed camp at South Framingham, it is over country as it is found in its natural state that actions usually take place in war.

For the highest efficiency of the force, a camp for military training is imperatively needed. This State cannot afford to lag behind, and while proper land can be secured at nominal cost is the time to make provision to bring the militia more upon the footing of soldiers.

The exceptional privileges enjoyed by the Naval Brigade have been repeated through the continued courtesy and consideration of the Navy Department.

If Congress would show the same generosity in its appropriations to the balance of the militia, much good would result. I

would take this occasion to express my deep appreciation of the permanent benefit to the volunteer of a broad and generous policy by the government; so much has been done, and each year has seen such fresh evidence of judicious encouragement, and kindly *esprit de corps*, as prompt hearty response and conscientious *thorough work*.

## 2. Rations.

The army ration is no prison diet, but precisely the kind of food best suited to the soldier. This would seem to suggest something to the volunteer troops.

The charges may not be excessive for the food provided under the present system of catering. The fault lies in the injudicious selecting of the food, and a service costly as well as unmilitary.

The regular army ration would give more healthy food, and there could be added sufficient extras to make the fare in camp ample, and yet leave over a dollar a man for real pay. While this could be assigned as now, companies should go out of camp in better physical condition, and with several hundred dollars to the good. A portion of the pay earned might be given the men, as other States have seen fit to do.

Should the State assume the rationing, there would be material economy, and really more money available for the men after camp. Still, the enlistment of a company cook, as in Pennsylvania, is preferable. There would be added to the pay a sufficient allowance from the company fund to secure a satisfactory cook. This would do away with the dependence of a company upon contractors. Under such cooks could be civilian assistants, but there would be military supervision of the preparation of food, and valuable experience gained for any service of the company by itself.

The rationing by the State could be tried with company cooks as chiefs, and in this way the elasticity of the army ration explained, and ultimately every company left to its proper resources as a self-contained unit.

There has been some attempt to work out more soldierly methods, and the quick response to your suggestion shows the time opportune for improvement.

The subject of rations given me as a detail has been reported on, and as a special matter is not referred to here.

## 3. Marches.

The militia can be considered a first reserve to the army, as yet, only in theory. We can limit our military training to as little as we please. If a clean, well-uniformed body of men, skilled in the manual and able to go through ceremonies, is our ambition, let us

steer clear of error in calling them soldiers. This is not the definition given in regulations, nor is it all the militia aim to become.

The need for progress has been widely recognized, and the fervor with which thoroughness has been sought has seldom been so marked as during the last year. This can be turned to good use, and permanent improvement assured. The least we can do under modern requirements is to maintain a militia equipped as perfectly as possible, and then practise it annually upon well-defined lines looking toward efficiency.

More field work is necessary, and decidedly more experience in marching. It is impossible to exaggerate the importance of the march, which constitutes the every-day work of an army,—combat, or at any rate battle, being the rare exception. Yet of the march under ordinary war conditions the volunteers have no experience. To take men from their daily work, put them in different clothes, permit them but a few hours' rest, with an entire change of food, and food not always wholesome (very unlike the regular fare of a soldier), and then give them smart drills or ceremonial functions, is certainly peculiar training for military duties. Often the morning drills, the most instructive work of the day, are slimly attended. Under the existing order of things it is difficult to find fault with meagre battalions, certainly when the men are reedy recruits, and out of condition, from a faulty system as well as their own unchecked indiscretions.

A few hours of marching welds a command together, and is a capital beginning for camp. The time will come when some regiment, or battalion under a keen major, will take the field with proper transport, and actually march to some rendezvous for Governor's Day. The experience would amply pay for the shock of a move based wholly upon a struggle for efficiency.

#### 4. *Field Days.*

To render field operations of any permanent value, the *idea* must be carefully thought out. This becomes vital, if the work be restricted to a single day. The idea should be shaped to ground the command for probable actual service, beginning with the rudiments of duties in the field, and advanced through progressive stages, from year to year. Thoroughness should be the underlying feature, so that the points made be of lasting benefit to a command, easily kept vital by the leaven of old soldiers who remain in the organization.

A full-fledged sham fight, on an idea known to the commanding officer, barely outlined to a few officers, and with little or no expla-

nation to company commanders and enlisted men, gives little in the way of any real knowledge to the men. As most officers rise from the ranks, every reason exists to have system and method govern all tours of duty, to gain the practical instruction and knowledge of service conditions to be acquired from peace manœuvres.

Each principle of action, offensive and defensive, the prudent movement of troops that lead up to their tactical disposition, the proper method to advance in open or close country, and a judicious use of the natural advantages of the ground, can be best mastered by being understood beforehand, by rank and file, that the field work prove a profitable object lesson. The general *idea* should be issued for the information of all concerned.

Cut and dried movements are out of place in the field. Something should be left to the fertility of commanders; and, as the end and aim of manœuvres are to broaden experience to handle men skilfully, under somewhat similar conditions in actual hostilities, every move has a bearing on every other move. When an error is made, an opening is given, and the initiative of action on such chance of war falls to the senior officer in command of the fraction in immediate opposition. While strictly following the general idea, officers must draw on their resources to make the most of any opportunity.

The main features should be transmitted to company officers, to be explained to their men on the blackboard in armories, the precise position to be occupied by any company not being stated, but the salient points made clear, that there be an intelligent comprehension of what is intended, and the field operations leave their due impress on all. The interest of the men will be secured, and they will know for what they are being manœuvred, before reading it *in extenso* in the newspaper the day after.

Officers will be set to thinking, rendered keen to develop their individuality, and prepared to grasp their orders and execute them with the originality, in detail, properly left to them.

The battalion commanders will study their units, and, with more reliable knowledge of their companies, can more quickly and effectively respond to the orders they receive.

The commanding officer will find his *idea* better handled and there will be an end to aimless marching and counter-marching, or, what is even worse, no marching and an utter stand-still, from misconception of his plan, at some crisis in the manœuvres.

The necessary preliminary details give the staff an opportunity for practical work.

Carried out on such lines, the day will be well spent. There would be much to attract officers of other organizations, and there

should be no difficulty to secure competent umpires. The State would get a full equivalent for the real outlay, which is now too often barren of adequate results.

While in some cases the idea has been worked up carefully, it is seldom impressed upon the men, as a preparatory study, before the day of execution. It is frequently very elaborate; a campaign condensed into a few hours, with the inevitable lack of perspective; and, by an effort to include a great deal, fails of digestion.

Complicated things should not be practised too much, but the time more profitably employed in going over simple things, again and again, until they become instinctive to the men, and they cannot help doing them.

The work of the current year varied greatly, and in some commands was elementary, well thought out and consequently well executed.

In other cases the *idea* was capital, if somewhat elaborate, but failed of the profit such field work should prove from being indifferently understood.

Again, the lack of umpires often deprived the work of the lessons which should have been learned, and emphasized by competent judges of the moves made or attempted. As a man works his company during peace, so he will try to work it, at any rate the first time, in war. False ideas that spring from impossible representation of fighting must be corrected.

Attention has been called recently to the reckless firing under impracticable conditions, as more likely to leave wrong impressions than teach any lesson for good. It is natural and human for the soldier to find comfort in the noise which his rifle makes, but it is not war. In some commands there was less independent fire, and commendable improvement in the way of volleys and controlled fire.

Effective action is the assembling of the fragments of a command, upon well-matured lines looking toward successful execution through combination. All drill is merely the preparation for carrying out, instinctively, principles that have been learned so thoroughly that they have become second nature. All are but parts of one whole, which the commanding officer directs to carry out his own *idea*. *What* to do in furtherance of the plan of action devolves upon battalion commanders; *how* to do it upon the line officer. The failure to grasp this distinction has often brought about indifferent work.

While every major must thoroughly grasp the duty of subaltern officers and know *what* their command is capable of doing, they cannot command every company if they would command the battalion.

The captains and lieutenants should master the preliminary steps of *how* to do a movement to lay the foundation for a higher command. Unless this division of labor is clearly understood, movements will lack the smoothness essential to proficiency.

The general disregard of the principles for practical results led to incorporating in this report the memorandum drawn up by the department in 1892 :—

#### GENERAL RULES GOVERNING FIELD MANŒUVRES.

1. The general idea will be issued in season to be understood by the whole command.

2. Special instructions in greater detail for commanders of fractions of the command will be issued in the form of orders, which should be short, clear, free from ambiguity, and strictly in the form which would be followed in real service.

3. Whenever practicable, orders are to be in writing; staff and orderly officers to write out orders given them, and have them verified; any verbal order to be repeated before the bearer starts on its delivery.

4. Reports to be in writing, whenever practicable, with the signature of sender, place, hour and date.

5. With a little practice, maps can be drawn, and simplify reports of the nature of the ground and position of the opposing forces. These need not be pretentious, but, roughly drawn to a scale, they convey more valuable information than a lengthy report, which unduly consumes time in reading as well as preparation.

6. Written reports, orders, signal or telegraphic messages to be preserved and handed to the senior umpires at the conclusion of the manœuvres.

#### *Troops.*

7. Opposing forces to be in the uniform of the State. Different orders of dress may be worn, or some distinguishing mark adopted and made known to all participants.

8. Battalion commanders to be assured by reports of captains (based upon personal examination) that all the ammunition issued, or in reserve for issue, is blank, particular care being taken to avoid armory ammunition.

9. Infantry not to approach nearer to one another than one hundred yards in the open, or fifty yards in enclosed country. No firing to be allowed nearer than one hundred yards.

10. Bayonets never to be fixed.

11. Infantry, or dismounted cavalry halted, will only fire at any one body of troops advancing a sufficient number of rounds to denote its position. Credit will be given as if a sustained fire were kept up.

12. The success of a peace manœuvre is not necessarily the mere expenditure of ammunition. Random fire is most reprehensible. It is a contest distinctly for points.

13. Firing must be conducted upon principles which would govern in hostilities, and the men taught to save their cartridges. Fire, to be effective, must be judicious. The utmost discipline must be maintained; an occasional volley will pull a company together, and do away with the senseless fusilade of some over-zealous recruit.

14. Due regard must be paid citizens, and needless firing on travelled streets or near residences avoided.

#### *In Action.*

15. Railways are only to be crossed by regular bridges and crossings.

16. It is optional with a commanding officer to make such constructive obstacles as he may see fit. For instance, roads may be tentatively closed, certain fords regarded as impassable and bridges as destroyed; but in all such instances placards will be affixed, and umpires, field officers or officers of independent commands promptly notified.

17. That no time may be lost, the commanding officer will establish such time limit as will govern umpires in their decision as to the turning points in the manœuvres.

18. If patrols or bodies of scouts meet each other, neither can advance, and the umpire will decide which is to retire. If of unequal strength, the weaker is to fall back, unless the umpire consider its superior leading should entitle it to advance.

19. After any issue at arms the umpire will decide which side has made its point; the successful force will occupy the ground, while their opponents retreat out of sight, and are not re-formed within five hundred yards. Hostilities are renewed upon announcement by the umpires.

20. Attention must be paid to the possibilities of movement in action. Men cannot fire accurately when winded, and the effective condition of troops must be taken into account, as well as their tactical position.

21. Strict fire discipline and the economical use of ammunition are to be enforced. Only five rounds should be carried by the men, with the balance in reserve, to practically illustrate how it would be served out in action. Beyond the experience gained, there will be less aimless firing.

22. Signalling parties are liable to be ruled out of action if beyond the limit of protection by their own troops.

#### *Of Umpires.*

23. Unless there be umpires to properly disqualify such troops as would be *hors de combat* in actual hostilities, the lesson of peace manœuvres leaves slight impress. Valuable as the experience of umpiring is in and of itself, it is most valuable to facilitate peace manœuvres, and, by noting good points as well as glaring defects, enables such a report to be made as will insure the best results in the way of general improvement. Without some such impartial verdict, good work and bad work stand on the same footing, the efficiency of the regiment remains the efficiency of individuals; however, unless a command is well linked together, it is bound to fall to pieces in real action.

24. Umpires should wear a broad white band on the right arm above the elbow ; for umpires the breadth will be four inches and for assistant umpires two inches. All other neutrals in uniform will wear a white band on left arm.

25. Except to escape collision, umpires are not to give any orders to troops. They may, acting within these regulations, rule troops or guns out of action, or incapable of movement, and inform the officer in command accordingly, but are not to order advance or retirement. In order that the troops may not lose instruction, they should seldom be placed out of action for more than half an hour.

26. In their decisions the umpires must be guided by the considerations which follow : (a) the relative force engaged on each side and in immediate reserve ; (b) in the attack, the strength of a position, the nature of the ground to be passed over, the plan of attack and its preparation ; (c) on the defensive, the disposition of the troops and arrangements for counter-attack ; (d) handling and fire discipline of the troops on either side, the number of rounds that could be fired, the accuracy of the sighting and the manner in which the fire was delivered.

27. Before the operations of a day begin, umpires will be furnished with copies of the "special ideas" of both sides, which are to be considered strictly confidential. Officers in command of forces will inform the senior umpire what instructions they have given, and what they propose to do.

28. The senior umpire on each side is responsible for the distribution of the other umpires. Umpires and their assistants are to meet the senior umpires of their side before the commencement of operations, when practicable. Before the troops move away from their places of assembly they are to be allotted to the several bodies with which they are to act, and will accompany them. As far as practicable, one umpire should be detailed to watch each separate portion of the troops, but their action must extend to all troops in their vicinity.

29. Umpires, when with troops not in movement, should be careful to keep as much out of sight of the force in opposition as the nature of the ground will allow.

30. Orders from umpire staff are to be regarded as the orders of the umpire-in-chief, and are to be carried out without discussion. A decision once given can only be altered by the senior umpire of one side.

31. The umpires on the spot will decide questions for all arms, without reference to their effect on the general course of the manœuvres. When senior umpires are on the spot, other umpires should obtain their approval before giving important decisions.

32. When there is a prospect of collision, the umpires from each side should meet. After discussion on the tactical situation, based on the strength and position of the two sides, they decide which is to retire. In the absence of an umpire attached to one of the sides, the one belonging to the other side must make his decision alone.

33. Umpires are to note down the exact time when each prominent feature takes place, to make a final and complete verbal report at the end of the day. They should at once inform the chief umpire of de-

cisions which materially affect the operations of the day. They will report any hesitation to comply with their orders.

34. In the same way the commanders of troops are to report these decisions to their senior officers, and communicate them to the troops on either flank.

35. Mounted officers will be ruled out of action if within three hundred yards of hostile firing.

36. A flank may turn either a good position or earthworks, and troops outnumbered and outflanked must usually retire.

When infantry meets infantry at one hundred yards, both sides advancing, and neither side takes up a defensive position, the weaker must retire.

37. Infantry, if judiciously posted behind a shelter trench or earthwork, can only be dislodged by a frontal attack, well commanded, and which shows effective fire discipline, of four to one. If unsuccessful, the attackers lose one-fourth; if the defenders be dislodged, one-fourth are disqualified.

38. If judiciously posted in a strong position, but not entrenched, they can only be dislodged by a frontal attack of three to one. In this case the attackers lose one-fourth if unsuccessful, and one-sixth if successful.

39. Attention must be paid to the advantage of flank attack, and in a well-conducted turning movement a smaller force out-points a larger force taken by surprise.

#### *Reports of Umpires.*

These should state: —

(a) If the idea was generally understood.

(b) The extent to which distinguished marksmen were used as range finders, and whether the ranges set by officers were properly estimated, in their best judgment; how far the sights were adjusted and used by the men at the range as ordered.

(c) The formation adopted in the various zones of fire; how far the officers and men were exposed to fire; what use was made of natural features of the ground; at what stage of the attack did the mounted officers dismount.

(d) Description of fire used; the manner of giving orders, and what fire discipline was maintained.

(e) The coolness of officers and men under fire; any particular instances of signal skill in handling men, or ingenuity to foil the opposing force.

(f) The condition of the men at the close of manœuvres, and an estimate of their staying powers for continued work in the field.

(g) The thoroughness of the staff in their special department; of their usefulness as aides-de-camp to the commanding officers.

*Final Report.* — After the umpires have conferred together and asked such questions as they desire of the officers in charge of the respective bodies of troops, they will submit a report on the tour

of duty, the embarkation and debarkation of the troops, the provision made for their rations, for the hospital service, as well as the manœuvres in detail. One report will be sent the commanding officer of the organization, for such use as he may deem expedient to explain to the officers how far they carried out his *idea*, wherein they fell short of his expectations, and what impression their work actually made in the decision of the umpires.

On the present system of fall field days, they fail to result in all the good they should, and therefore do not give full return for the appropriation expended on such manœuvres. Field days come year after year, and are of more or less value according to the experience gained. They can slowly but surely ground officers in their duties; the non-commissioned officers and men in what is expected of them. They tend to make citizen-soldiers rather than soldier-citizens; to build up a force to be relied upon for actual service, and not a mere picturesque and passing show. The good comes from preparation to make the most of the limited time, and in seeing the movements executed, quite as much as the mere execution of the movements themselves. Now, the precious chance to learn from such a practical object lesson is quite lost to most of the militia. It is a good deal to expect that volunteer officers will give their time and means to make trips to the different localities where other regiments have their fall manœuvres.

There can be no better expenditure than the allowance of transportation for such officers as might desire to attend the fall drill's. This privilege can be restricted within reason, and be either a detail with subsequent report of the work, or be granted upon personal request, with the favorable endorsement of commanding officers. What could be learned would be of the greatest benefit. It certainly narrows the good to be derived from the very considerable outlay, to restrict the experience to the officers and men of a single command — their own on duty. The very fact of their own special work limits observation to what goes on about them.

Officers and discipline are indeed synonymous terms; the regiment progresses with its advance in discipline. Now, discipline in the field is largely the result of experience.

The greater familiarity officers get in the field work, through command or by intelligent observation, the more they know, the greater their efficiency. There should be a study of, as well as active participation in, systematic field work. The force would be knit together by the closer acquaintance of the keen officers, the leaven of a volunteer organization.

Generous rivalry would be stimulated; there would be an incen-

tive to fresh, original, but well-digested work. Errors would be made, as errors must be made; but they would point a moral in their making, and thus reduce the element of error, in the most prevalent type, to a minimum from personal observation. A blunder in the heat of a rushed field day, quickly detected by an onlooker, leaves an impress on a cool and thoughtful spectator more than the living example can realize himself. Thus the good work and crude work of a day would not be profitless.

I respectfully recommend that encouragement be given officers to attend field days of other organizations, on the lines suggested.

Then when commands have become qualified for working out an *idea* in field manoeuvres, there will be competent umpires, and the knowledge of military details and handling of troops will be broadened, and officers learn somewhat to know their own State, and to be in touch with their honorable profession.

From such a systematic course, begun with a well-defined idea, thoroughly mastered in its minor details before the field day, with careful and competent umpiring, a comprehensive and searching report, it is the opinion of the department that greater progress may be made, and more permanent benefit secured to the militia.

If preferable, when the commanding officers of the detachments are assembled after the manoeuvres, and have stated their plan of action, and the umpires have reported on the success or failure of the several moves, the chief umpire can sum the work up and give his verdict.

The officers, on returning to the troops who have been engaged under them, can assemble their officers and state the reasons which led to decision rendered, and with the work fresh in mind leave the lessons taught by their work, thus to ground discreet handling of their respective commands, or show wherein they fell short of their possibilities.

#### ARMORY INSPECTIONS.

The Acting Inspector General in his last report (1892) recommended armory inspections by battalion rather than by regiment, the advantage being (1) a greater familiarity by the department with the force, (2) more intimate knowledge of good and weak points peculiar to a command, with (3) the maximum of benefit from several keen officers on duty with every regiment, whose reports could be collated, and thus (4) the final summing up be more searching, thorough and calculated to result in greater improvement to the whole service.

Every reason exists for judicious State inspection. Upon consistent preparatory work depends a well-knit and strong company.

Companies proved of doubtful efficiency should be given supplemental inspection, and generous and progressive rivalry in the battalion stimulated.

Preferably armory inspection should be of the regular work on a drill night. The money allowance on only a stated function of inspection tends to get out abnormal numbers, while the average attendance at drills would seem a more proper basis for the pay now given for the muster of a single evening.

Under adverse circumstances that hampered the department in 1892, a new drill, inspections quite too late in the year, and several companies found in wretched condition, the work was still conducted upon a system.

It would seem superfluous to make this statement, but that such businesslike procedure and thoroughly military method was suspended the current year.

In 1892 armory inspections properly came first, of unusual thoroughness, with full reports on armories in use and their adaptability to the requirements of new Drill Regulations; then the tours of duty in camp were watched with great fidelity; and, finally, the fall field days prompted very carefully prepared memoranda.

In the report submitted you was my earnest recommendation for an increase to at least seven inspectors, that the department could live up to the duties that devolved upon it, namely, to know the force and submit you their real condition of efficiency for service, and upon such well-matured lines as would lead to the improvement most essential.

Without what must be learned by observation and intelligent inquiry in the armory, there is lack of close enough acquaintance with the troops to come to sound conclusions, certainly as to company methods, which sorely need codification to secure military uniformity and simplification, to be businesslike as well as soldierly. Again, care and condition of arms and the completeness of equipment all require inspection to be kept in due readiness. The very handling of the company, as a company, becomes information valuable for the department, which exists to find out precisely such facts, *the state of preparedness for action*.

Armory inspection often has spurred a company on to better things. Signal incompetence noted in officers has led to improvement, or removal to give place to fit leaders.

The certainty itself of an inspection has a wholesome influence in toning up companies below the average, while frank conference with regimental officers can be made a great good in many ways.

Every reason exists for inspection by commanding officers and

the brigade inspectors, and there is no desire to infringe upon their prerogatives. Still some responsibility either rests upon the Inspector's Department, or it is merely another phantom of the militia strength in this State. Usefulness narrowed to inspection in the field abandons the fundamental groundwork of inspection, which is recognized in every progressive State with a respectable volunteer service.

I have the honor to express my profound regret at the restrictions on the department entrusted me. Weakened through well-merited promotion, no addition was made, and the State lost the ripened experience of officers who had given conscientious hard study to fit themselves for a proper discharge of their duties, from having inspections limited to commands *only* when in the field.

If the sum and substance sought by higher authority is merely a review of field work, necessarily superficial, it is better to have an officer detailed from the Regular Army for the summer months of the State campaign; one who *might* make a searching, clean-cut report on the methods that now maintain here, and go to the kernel of the present status of the force. There would be the advantage which a single opinion has, the same standard for every command.

Better abolish the assistant inspectors *en masse* than relegate them further from what should come under their immediate supervision, which is meet and right and their bounden duty.

I have the honor to recommend: (1) That the department be under the immediate charge of an Inspector General, with six assistants. (2) That armory inspections be by battalion, and (3) by the Inspector's Department, independent of any regimental inspection; and (4) that there be conference, that all may work to secure the greater efficiency vital to raise the standard of the force. (5) That inspections be of the real standing of a company, taken on any drill night, rather than at a mere stated function which cannot show the correct condition of a company. (6) That supplemental inspections be recognized as a means to work out improvement from within, whenever practicable, to avoid the recourse to surgery to prune the service of the dead wood which now militates against progress. (7) That such permanence be assured this department as will take it clean out of politics, recognize the sound basis of any militia, State troops, with the definite purpose for which they exist. (8) Finally, thus cordially to enlist the best efforts of inspectors to perfect themselves systematically for the exacting duties of rigid, fearless, progressive inspection, keyed to a high standard and tempered by one object alone,—the best good of the whole force.

Just so long as the Inspector's Department is a creature of party, and commission becomes merely the tenure of office liable to change with successive administrations, its power is undermined, its work handicapped, its usefulness minimized.

The selection of this department for political rather than professional fitness is unsound in principle. To remove a competent inspector for his personal political belief smacks of making the militia partisan, a condition farthest possible from what it should be. The department, as far as I know, has held honorably aloof from politics, and always given chivalrous loyalty to higher authority. Until inspectors are accorded what their faithful discharge of commission insures every soldier, the military administration is open to just criticism.

#### IMPORTANCE OF INSPECTION.

Without inspection too much is inevitably taken for granted. The force makes a magnificent showing on paper, but something more is due the State for the substantial annual outlay. A capacity for studious progress, with experience, becomes the staff.

#### REPORTS.

The present system of reports furnishes a copy to brigade commanders and the several commanding officers of regiments and battalions, the retained copy remaining with the department. That defects have been noticed and remain unredressed suggests the desirability of having the receipt of reports acknowledged to the chief of the department, with such explanations as seem in order.

There should be the utmost frankness and hearty co-operation to build up the force. The department is at one in an earnest effort to have their every action strengthen the militia, and to be strictly impersonal. If there be friction or undue attention to minutiae it should be made known, and if obstructions exist, they can be treated as the occasion may dictate for the best ultimate results.

#### NEW COMPANIES.

Vacancies existed in the infantry arm and Naval Brigade. After inspection and recommendation by the department, the petitioners at South Framingham and Springfield were approved and duly mustered into service.

General lines were laid out as follows:—

Attention should be directed to—

- (a) The *personnel* of the men.
- (b) Good material to officer a company.
- (c) Public interest in a company and cordial support.
- (d) An armory of sufficient size.
- (e) A readiness to furnish range facilities.
- (f) The desirability of any location for the militia as organized.
- (g) Any new location should be weighed carefully, in view of possible reorganization of the Massachusetts Volunteer Militia.

It was established that no petitioners should be accepted unless they gave promise of furnishing a company above the average already in the militia.

A rigid physical examination was given every man before he was mustered in.

Attention is called to the blank form used in examination.

#### ANNUAL ENCAMPMENTS.

The annual encampments of the militia were held as follows:—

First Brigade, . . . .	June 6 to 10, inclusive.
Second Brigade, . . . .	July 18 to 22, inclusive.
First Corps of Cadets, . . . .	July 11 to 15, inclusive.
Second Corps of Cadets, . . . .	Aug. 8 to 12, inclusive.

#### OF INSPECTIONS.

Reference has been made already to the scope of the work left the department the current year. What is inspected will be practised, and this is the more true as the period of peace grows longer.

##### *First Brigade.*

The tour of duty showed the same hard work which has characterized this brigade. Spacious as the field is, it is taxed to the utmost to comfortably accommodate a full brigade, and the extended order makes great demands upon the drill ground.

The march of the artillery to camp was made under inspection. More thought should be put upon the care and handling of troops on service and under State pay. I emphatically protest against any such movement of the mounted arm without some competent medical officer in attendance.

*Second Brigade.*

The work of this brigade showed improvement over former years.

Any extended report on the brigade tours of duty, as such, is properly left to the brigade commanders.

The officer detailed to accompany the First Battalion of Cavalry over the road reported excellent discipline and that the day was profitably employed. The command arrived in excellent condition for work, and the readiness with which the object lessons were mastered speaks well for the *personnel* of this command.

*Observations.*

Military courtesy was fair.

Guard duty, an improvement, notably in the ceremony, with lamentable instances of unpardonable ignorance of sentries. There is no excuse for such unsoldierly slurring of proper instruction of recruits, or wilful negligence of men to fit themselves, as they could, with a few hours' study, for work sure to fall to them in camp.

It betokens a restlessness, a lack of steadiness of purpose, and a deficiency of mental training and control as disqualify such ignorant men from the service; their presence throws an undue burden upon the service which it is best to avoid, and their places should be filled with better men.

The officers of the guard were better than heretofore. Still few could feel perfect satisfaction with their discharge of this important duty essential for every officer in service.

*Quarters.*

Quarters showed signal improvement. There are sore spots yet, and too much clumsy, senseless baggage, but greater neatness was apparent, and won hearty endorsement.

Rifles and brasses were cared for better, and there was commendable progress in these little details which mark the true soldier.

Bicycle work made substantial progress. There is a field for the development of a strong auxiliary body of fleet troops on the lines already outlined by the department.

The guard-house remains as located, and I would again most respectfully recommend its change to a preferable position. Men are confined where disturbance becomes notorious.

The constant passing and repassing distract the guard. The position of No. 1 is embarrassing, and such as inevitably leads to seeming negligence at times in turning out the guard.

There is great difficulty to avoid the mingling of visitors and others with the guard, and singular apathy in preventing this serious breach of discipline.

### *Regulations.*

. Guard-house regulations should be defined clearly,—the provision for a light lunch at night, and regularity in dismissal for meals, and proper record made of every man away from the guard, for whatever reason. The present shiftlessness, that continues year after year, involves needless hardship to the men, and is a disgrace to the service.

Inspection of camp was made twice a day, and showed better police than heretofore.

The question of drainage is yet unsolved.

Visitors would be more welcome if their coming was concentrated on Governor's Day, or the afternoon of Thursday. A real interest in the militia does not go to the length of interference with prescribed work, as is too often the case nowadays.

### *First Corps Cadets.*

The camp of the First Corps of Cadets is a signal object lesson which could be well studied by field and line officers, and there is no reason, with the *personnel* among the officers in this State, why there should be such marked distinction in this example of good discipline.

### *Second Corps Cadets.*

There was decided improvement in the tour of duty of this command.

### *Naval Brigade.*

The Naval Brigade went to New York in April, and acquitted themselves well.

Later in the year a more practical tour of duty was performed by the command in detachments on the "San Francisco" and "Miantonomoh" for five days at sea. The faultless discipline, zealous application and substantial progress made under such conditions only confirmed the favorable impression of this progressive command.

The Naval Divisions have proved themselves earnest workers, and as beginners picked up the work admirably well. The response to the discreet and painstaking instructions of the regular officers, cool, systematic and thorough, emphasize what such work

could do for the enthusiastic and intelligent rank and file of this arm of the service.

The possibilities for the effective use of the Naval Brigade, in my opinion, are all that their most ardent advocates would claim. They round out the militia of States that border on navigable waters, and furnish a promising field for keen volunteers with scientific attainments, and sufficient time to develop the peculiar functions assigned the several divisions. With men of such tastes and parts, thoroughness and hard work toward improvement are welcome and preferred to more pretentious efforts, effective merely in appearance, because premature.

There has been marked improvement, and the *personnel* is so excellent, there is reasonable ground to hope for the further growth in the direction of real proficiency with greater thoroughness.

#### FIELD DAYS.

The field days of the several organizations were held as follows:—

First Regiment of Infantry at Taunton, . . . .	Oct. 9.
Second Regiment of Infantry at Northampton, . . . .	Sept. 21.
Fifth Regiment of Infantry at Braintree, . . . .	Sept. 28.
Sixth Regiment of Infantry at Fitchburg, . . . .	Oct. 11.
Ninth Regiment of Infantry at Boston, . . . .	Oct. 5.
Battery A, Second Brigade, at Boston, . . . .	Sept. 25.
Signal Corps, First Brigade, at Boston, . . . .	Oct. 5.
Signal Corps, Second Brigade, at Malden, . . . .	Oct. 4.

#### GENERAL OBSERVATIONS.

I have the honor to once again refer to armory facilities under the new drill regulations. The department has carefully considered the proper size for the simple company movements. One hundred by one hundred and fifty feet gives the minimum for a serviceable drill floor, but greater space would be preferable. If favorable consideration were given my previous recommendation, that plans be drawn for a model armory for one company, and also for a battalion, such would be invaluable for authorities of towns or cities where new companies are suggested, or public spirit prompts an improvement in the armory accommodations of companies already in service.

There are enough architects interested in the militia, through their personal service or public spirit, to undertake the drafting of working plans for the good of their State, to lead me to suggest the appointment of a board of officers to invite such architects as desire voluntarily to submit plans. The bonus of some nominal sum for the plans accepted would be well spent.

Quite apart from the very real service this would be to the militia in general, the acceptance of a thoroughly rational armory *type* properly adapted to drill requirements, with rifle galleries for use rather than abiding monuments of injudicious expenditure of money, might well enlist the best efforts of architects for the professional endorsement and recommendation the State approval would give.

An armory is not necessarily an expensive structure, but unless constructed under military guidance, and with due consideration for what needs to be permanent and therefore warrants expense, and what is immaterial and therefore may be less costly, the outcome is too often a needlessly pronounced failure.

With the publication, in the report of the Adjutant General, of a model armory, such could be adopted entire, or with the modification the local authorities might see fit to venture upon. With the blue prints and specifications which could be furnished, there would be some standard, with which the department feels more intelligent action would be taken in this feature essential to a well drilled command.

If it be within the province of this department, permit me to bring to your consideration the question of the annual outlay for music in camp. Beyond the provision made for company musicians, available when assembled to furnish all that is absolutely required for a regiment on service, the presence in brigade camp of over one hundred musicians, many of whom are not enlisted men (and hence constructively independent of military discipline), involves the outlay of much money, without a correspondingly adequate return. Certainly two bands might furnish all the music required, and with a slight increase in the pay per diem this might be welcome, with a very material economy to the State. For the purpose of the passage in review, and for the evening band concert, two bands would be quite as effective as more. The importance of increasing the expenditure of the annual appropriation in other directions has led me to bring to your consideration this means of retrenchment, without impairment of efficiency, and with direct benefit in strengthening the militia where money is now urgently called for.

It would seem well to establish a bureau of military information. While there are many official documents and carefully prepared reports in the possession of the State, there is field yet for much work which would be invaluable on an emergency.

The methods that have accomplished much in other States might be studied to *some* extent with profit.

Reports of officers sent to visit volunteer and regular troops on

duty may have comments that are worthy of consideration. A thorough knowledge of our own State, and a systematic investigation of the topography of cities, with a view to mobilization of the force, are important enough to watch and have kept up to date.

The condition of roads, surely about the principal centres of possible rendezvous, should be perfectly well known.

Such a department, under a judicious head, could collect much useful data and awaken fresh interest throughout the force. It would be progressive, and if open to the criticism of being theoretical, it would be most certainly practical, and Massachusetts would merely follow, late in the day, what other military administrations have accepted as essential for years.

I have the honor to recommend : —

- (1) Such changes as may improve the force.
- (2) Such reorganization as may improve the organization.
- (3) Such forethought as may improve the tours of duty ; whether on the lines suggested or not is immaterial, as long as the improvement be secured.

I have the honor to further recommend : —

- (1) The establishment of the Inspector's Department upon a permanent footing.
- (2) An increase in the department to at least seven inspectors.
- (3) The recognition of the department, or (4) its *abolition*.

I am, sir, very respectfully,

Your obedient servant,

WILLIAM L. CHASE, *Colonel,*  
*Acting Inspector General M. V. M.*

## REPORT OF INSPECTION OF THE NATIONAL GUARD OF MASSACHUSETTS.

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[DUPLICATE.]

FORT MONROE, VA., Sept. 6, 1893.

*The Adjutant General, U. S. A., Military Information Division, War  
Department, Washington, D. C.*

SIR:—I have the honor to report the observations of my visit to the camps of the Massachusetts Volunteer Militia during the past summer, in obedience to par. 6, S. O. No. 121, Headquarters of the Army, A. G. O., Washington, D. C., May 29, 1893, and letter from the Military Information Division, War Department, A. G. O., Washington, May 31, 1893. Upon their receipt, June 2, 1893, as directed in the letter, I immediately reported by letter to His Excellency the Governor of the State for his orders and instructions, and also reported to the Adjutant General of the State for his instructions, and by the latter was requested to report at his office Monday, June 5, at noon, which I accordingly complied with, and was informed of his plans for my accompanying him to the various camps, which plans were so considerably made as to give an opportunity to visit and see the features of the surrounding country, especially near the seacoast extending from Plymouth, on south shore, to near Gloucester, on north shore from Boston, and with little or no expense to myself, for which courtesy I am very much indebted.

The camps visited were as follows:—

The camp of the First Brigade, Brig. Gen. B. F. Bridges, commanding.

The camp of the First Corps of Cadets, Lieut. Col. Thomas F. Edmands, commanding.

The camp of the Second Brigade, Brig. Gen. Benjamin F. Peach, Jr., commanding.

The camp of the Second Corps of Cadets, Lieut. Col. John W. Hart, commanding.

The camps of the First and Second Brigades were upon the same grounds at South Framingham, Mass.; that of the First Corps of Cadets at Hingham, and that of the Second Corps of Cadets at Essex, Mass. I was very cordially received by the commanding officers of the different camps, their staff; also by the Field and Staff of the various regiments and battalions.

At the brigade camp I was assigned a nicely furnished room, in the Governor's building, and a fine mount by the Adjutant General of the State, and at the Cadet Corps camp an equally comfortable furnished wall tent.

My messing at the various camps was provided for by the Adjutant General, and was at the headquarters mess of each command. I was made to feel welcome at any of the messes. The greatest hospitality and courtesy were extended me by all the officers I had the pleasure to meet. All seemed to recognize that I was the officer representing the honorable Secretary of War in their camps.

#### DESIGNATION.

The troops of the State are the active militia, and designated the Massachusetts Volunteer Militia.

#### STRENGTH.

The authorized strength of organization, a brigade.

#### *Brigade Commander and Staff.*

One Brigadier General; one Assistant Adjutant General (rank, lieutenant colonel); one Medical Director (rank, lieutenant colonel); one Assistant Inspector General (rank, major); one Assistant Inspector General of Rifle Practice (rank, major); one brigade quartermaster (rank, captain); two aides-de-camp (rank, captain); one engineer (rank, captain); one judge advocate (rank, captain); one provost marshal (rank, captain).

*Non-Commissioned Staff.* — One brigade sergeant major; one brigade quartermaster sergeant; one brigade hospital steward; one brigade provost sergeant; one brigade bugler; one brigade color bearer; two brigade sergeant's clerks.

A Signal Corps, consisting of one first lieutenant, one first sergeant, four sergeants and twenty privates, and an Ambulance Corps consisting of one first lieutenant, three sergeants, four corporals and eighteen privates.

#### *Regimental Field and Staff.*

One colonel; one lieutenant colonel; one major for each four companies; one surgeon (rank, major); one adjutant (rank, first

lieutenant) ; one quartermaster (rank, first lieutenant) ; one paymaster (rank, first lieutenant) ; one assistant surgeon (rank, first lieutenant) ; one inspector of rifle practice (rank, first lieutenant) ; one chaplain.

*Non-Commissioned Staff.* — One sergeant major ; one quartermaster sergeant ; one paymaster sergeant ; one hospital steward ; one drum major ; one chief bugler ; also allowed two color sergeants, one orderly, sixteen drummers.

#### *Battalion of Artillery and Cavalry.*

One major ; same staff as regiment, with addition of one veterinary surgeon (rank, first lieutenant), except no inspector of rifle practice for artillery.

*Non-Commissioned Staff.* — One sergeant major ; one quartermaster sergeant ; one hospital steward ; one chief bugler ; two guidon sergeants.

*Company of Infantry.* — One captain ; one first lieutenant ; one second lieutenant ; one first sergeant ; four sergeants ; six corporals ; one bugler ; forty-six privates ; minimum enlisted allowed, 41.

*Company of Artillery (four guns).* — One captain ; two first lieutenants ; one second lieutenant ; one first sergeant ; one quartermaster sergeant ; one stable sergeant ; four sergeants ; nine corporals ; two artificers ; two buglers ; sixty-three privates ; minimum enlisted, 57.

To each battery of more than four guns, one sergeant, two corporals, and not more than sixteen nor less than nine privates for each additional gun ; one additional second lieutenant for each additional two guns.

*Company of Cavalry.* — One captain ; one first lieutenant ; one second lieutenant ; one first sergeant ; one quartermaster sergeant ; five sergeants ; seven corporals ; two buglers ; sixty-one privates ; minimum enlisted, 56.

A company of artillery or cavalry, unattached, allowed in addition to above, one assistant surgeon (rank, first lieutenant) ; one hospital steward.

Section 22 of Massachusetts Military Law requires that in time of peace the volunteer militia shall consist of not more than seventy-two companies of infantry, three companies of cavalry, three batteries of light artillery, a Signal and Ambulance Corps to each brigade, two Corps of Cadets, and one Naval Brigade.

Section 23 requires the Commander-in-Chief to arrange the infantry, artillery and cavalry into regiments, battalions, and, when

necessary, unattached companies, and not more than two brigades; that there shall be not more than six regiments of infantry, one regiment or more of which, at the discretion of the Governor, shall be trained, instructed and exercised as heavy artillery.

The arrangements under the last section at present are as follows:—

The companies of infantry, into six regiments of three battalions each, of four companies each, and called the First, Second, Fifth, Sixth, Eighth and Ninth Regiments of Infantry; the companies of artillery, into one battalion of artillery of two companies, and one independent company; the companies of cavalry, into one battalion of cavalry, and one independent company; and the above, together with Signal and Ambulance Corps, into brigades. The two Corps of Cadets are among the old Colonial organizations, having special privileges now corresponding to the same as held in old times, and cannot be brigaded by law of the State, which law is confirmed by the laws of the United States.

The following tables give the organization of the brigades, and their strength, of the Corps of Cadets and their strength, and the following table the strength of the whole militia according to arm and total strength:—

*Organization and Strength of First Brigade (Brigadier General B. F. Bridges, commanding).*

TROOPS.	PRESENT.		ABSENT.		PRESENT AND ABSENT.		PRESENT.	At- tendance.
	Commissioned Officers.	Enlisted Men.	Commissioned Officers.	Enlisted Men.	Commissioned Officers.	Enlisted Men.		
Brigadier General, . . . . .	1	-	-	-	1	-	-	-
Brigade Commissioned Staff, . .	10	-	-	-	10	-	-	-
Brigade Non commissioned Staff, .	-	8	-	-	-	8	-	-
First Regiment Infantry, . . .	46	653	1	38	47	691	40	94.7
Second Regiment Infantry, . . .	45	685	-	36	45	671	39	87.6
Sixth Regiment Infantry, . . .	46	611	-	43	46	654	40	88.0
First Battalion Artillery, . . .	15	170	-	28	15	198	24	87.0
Troop F, Cavalry, . . . . .	3	72	1	6	4	77	24	92.6
Signal Corps, . . . . .	1	25	-	-	1	25	-	-
Ambulance Corps, . . . . .	1	19	-	-	1	19	-	-
Total, . . . . .	168	2,148	5	209	173	2,348	167	92.2

*Second Brigade, M. V. M. (Brig. Gen. B. F. Peach, Jr.,  
commanding).*

TROOPS.	PRESENT.		ABSENT.		PRESENT AND ABSENT.		PRESENT.	At- tendance.
	Commissioned Officers.	Enlisted Men.	Commissioned Officers.	Enlisted Men.	Commissioned Officers.	Enlisted Men.	Band.	
Brigadier-General, . . . . .	1	-	-	-	1	-	-	-
Brigade Commissioned Staff, . .	9	-	-	-	9	-	-	-
Brigade Non-commiss'd Staff, . .	-	8	-	-	-	8	-	-
Fifth Regiment Infantry, . . . .	45	618	2	71	47	689	24	90.00
Ninth Regiment Infantry, . . . .	45	620	1	75	46	695	24	90.30
Eighth Regiment Infantry, . . . .	44	623	-	45	44	668	24	92.20
Battery A, Light Artillery, . . .	6	99	-	9	6	106	24	91.10
First Battalion Cavalry, . . . . .	14	142	1	10	15	152	24	93.40
Signal Corps, . . . . .	1	24	-	1	1	25	-	-
Ambulance Corps, . . . . .	1	11	-	4	1	15	-	-
Total, . . . . .	166	2,145	4	215	170	2,360	120	91.3

*First Corps Cadets, commanded by Lieut. Col. Thos. F. Edmonds.*

Field Staff and Band, . . . . .	8	4	-	-	8	4	24	100.
Company A, . . . . .	3	41	-	9	3	50	-	88.02
Company B, . . . . .	3	49	-	3	3	52	-	94.55
Company C, . . . . .	2	40	1	4	3	44	-	89.36
Company D, . . . . .	3	51	-	7	3	58	-	88.52
Total, . . . . .	19	185	1	23	20	208	24	89.47

*Second Corps of Cadets (Lieut. Col. John W. Hart, commanding).*

Field Staff and Band, . . . . .	9	4	-	-	9	4	24	-
Company A, . . . . .	2	31	-	7	2	38	-	82.5
Company B, . . . . .	3	37	-	9	3	46	-	81.6
Company C, . . . . .	3	49	-	9	3	58	-	85.2
Company D, . . . . .	2	39	-	11	2	50	-	78.9
Total, . . . . .	19	160	-	36	19	196	24	87.9

Table Showing Strength According to Arm, and Total Strength.

	PRESENT.												TOTAL PRESENT.			ABSENT.								TOTALS.		PRESENT AND ABSENT.					
	General Officers.	Field Officers.	Commissioned Staff.	Non-commissioned Staff.	Captains.	Lieutenants.	Bergeants.	Corporals.	Company Musicians.	Privates.	Band.	Commissioned Officers.	Enlisted Men.	Band.	Commissioned Officers.	Enlisted Men.	Commissioned Officers.	Enlisted Men.	Band.	Aggregate.	Percentage of Band.										
Brigadier General and Staff.	2	-	19	16	-	-	-	-	-	-	-	21	16	-	-	-	-	-	-	-	-	-	21	16	-	-	21	16	-	37	-
First Infantry.	-	5	7	7	11	23	57	64	12	518	40	46	658	40	-	-	-	-	-	-	-	-	33	1	38	47	696	40	783	-	-
Second Infantry.	-	-	6	7	9	11	22	56	43	464	39	45	585	39	-	-	-	-	-	-	-	-	78	3	86	48	671	39	768	-	-
Sixth Infantry.	-	-	6	7	9	12	22	57	45	11	486	40	46	611	40	-	-	-	-	-	-	-	35	1	38	46	654	40	740	-	-
Fifth Infantry.	-	-	6	6	6	11	23	56	64	28	465	24	45	618	24	-	-	-	-	-	-	-	35	2	71	47	689	24	760	-	-
Ninth Infantry.	-	-	6	7	6	12	21	59	63	27	465	24	46	620	24	-	-	-	-	-	-	-	35	2	71	47	689	24	760	-	-
Eighth Infantry.	-	-	4	6	6	11	23	60	45	11	502	24	44	623	24	-	-	-	-	-	-	-	43	1	45	44	668	24	736	-	-
Total.	-	29	40	41	93	184	345	324	102	2,903	191	271	3,715	191	-	-	-	-	-	-	-	-	7	368	278	4,073	191	4,642	-	-	-
First Corps Cadets.	-	-	2	6	4	4	7	19	22	6	134	24	19	185	24	-	-	-	-	-	-	-	22	1	23	20	208	24	252	-	-
Second Corps Cadets.	-	-	2	7	4	4	6	19	16	8	113	24	19	160	24	-	-	-	-	-	-	-	34	-	36	19	196	24	239	-	-
Total Infantry Arm (including Corps Cadets).	-	43	53	49	76	147	383	362	116	3,150	239	309	4,000	239	-	-	-	-	-	-	-	-	8	417	317	4,477	239	5,033	-	-	-
Artillery (total).	-	1	6	7	3	11	26	36	5	195	48	21	299	48	-	-	-	-	-	-	-	-	37	-	37	21	306	48	375	-	-
Cavalry (total).	-	1	7	7	3	6	20	20	6	161	48	17	214	48	-	-	-	-	-	-	-	-	14	2	15	19	229	48	296	-	-
Two Signal Corps.	-	-	-	-	-	-	-	-	-	39	-	2	49	-	-	-	-	-	-	-	-	-	1	-	2	60	-	-	62	-	-
Two Ambulance Corps.	-	-	-	-	-	2	5	6	-	20	-	2	30	-	-	-	-	-	-	-	-	-	3	-	4	2	34	-	36	-	-
Total All Arms.	2	35	85	79	92	168	444	423	127	3,665	335	372	4,638	335	2	2	2	6	22	12	1	437	10	474	382	5,112	335	5,829	91.2	-	-

Of the above organization, I should say all the staff are needed.

### GENERAL OFFICERS, NUMBER AND MANNER OF APPOINTMENT.

There are two Brigadier Generals of the line, and they are elected by the written votes of the field officers of the respective brigades; the election is ordered in case of vacancy by the Commander-in-Chief.

The Commander-in-Chief appoints the following staff general officers, viz.: The Adjutant General with rank of Major General, who is *ex officio* chief of staff; an Inspector General, a Quartermaster General, a Commissary General, a Surgeon General, and a Judge Advocate General, each with the rank of Brigadier General. The law provides, in time of peace, unless otherwise directed by the Commander-in-Chief, that the Adjutant General shall be Inspector General, Quartermaster General, Commissary General and Chief of Ordnance.

### THE APPOINTMENT OF BRIGADE, REGIMENTAL AND BATTALION FIELD AND STAFF.

The field officers of regiments of infantry, battalions of artillery, cavalry and the Corps of Cadets are elected by the written votes of the captains and lieutenants of the several companies of their respective commands, and are afterwards ordered before an examination board, consisting of the permanent commanders of brigades, of the regiments of infantry, of the battalions of artillery and cavalry, the Corps of Cadets and of the Naval Brigade (the latter in law forms part of the M. V. M.). If passed, the board certifies the same to the Commander-in-Chief, who issues the order announcing the result. Medical officers appear before a board of three medical officers. The staff of a brigade is appointed by the commander of the brigade; that of a regiment of infantry, the battalions of artillery and cavalry, Corps of Cadets and the unattached companies, by the permanent commanders thereof. On the requests of the appointing officers the staff are commissioned by the Commander-in-Chief, provided the appointees are eligible.

### THE APPOINTMENT OF COMPANY OFFICERS.

Captains and lieutenants of companies are elected by the written votes of the enlisted men of the respective companies, except that in the Corps of Cadets they are elected by the written votes of the enlisted men of the respective corps. Examinations required are the same as for the field officers.

## STAFF DEPARTMENTS.

These departments as known in the Regular Army do not exist in the State. The brigade, regimental and battalion belong to the various commands, and those of regiments, battalions of cavalry and artillery and Corps of Cadets wear the uniform of the arm to which they belong, and can only be distinguished by the insignia of the coat collar.

The Adjutant General, in times of peace, performs the duties of Quartermaster General, Commissary General and Chief of Ordnance. As Adjutant General, distributes all orders of the Commander-in-Chief, carries out all his orders relative to executing and perfecting the system of military discipline established by the laws of the State and of the United States, furnishes blank forms for the different returns and rolls, receives returns of commands, reports of condition of arms, uniforms, equipments, etc., delinquencies, and every other thing which relates to the advancement of good order and discipline, and to make such extracts from these reports, as may be required by proper authority. As Quartermaster General, under the orders of the Commander-in-Chief, has care and control of the State camp ground, of the State arsenal and magazine, of all military property of the State excepting certain property by law entrusted to the keeping of other officers, purchases and issues all arms, ammunition, clothing, camp equipage, military supplies and stores of every description, provides transportation and adjusts the accounts of officers responsible for such property. As Commissary General no precise duties are mentioned in the laws.

The Surgeon General purchases and issues all medical supplies and hospital stores and has general supervision and control of all matters pertaining to the medical department of the militia.

The Judge Advocate General reviews all proceedings of courts-martial which require the action of the Commander-in-Chief, brings such suits as the laws require, and is legal adviser of the Military Department of the Commonwealth.

In addition to the staff officers just mentioned, there are four Assistant Adjutants General, one Inspector General of Rifle Practice, five Assistant Inspectors General, four Assistant Quartermasters General, all with the rank of colonel.

The duties of these, excepting of the Inspectors, are merely nominal. The Inspector General of Rifle Practice and the five Assistant Inspectors General form practically a corps of inspectors, and one or more of them attend the troops on whatsoever duty they may be ordered, and have the most important influence for

good conduct and discipline. They report direct to the Adjutant General the efficiency of the troops in all matters and make such suggestions of measures towards more efficiency as may occur to them. These officers hold office during the pleasure of the Commander-in-Chief. If their tenure of office was made permanent or fixed for a certain term I believe it would be a benefit to the service.

#### THE AMBULANCE AND HOSPITAL CORPS.

The organization of the Ambulance Corps was given in the organization of the brigade of which it is a part. The equipment is one ambulance, two horses and harness for same; one half stretcher for each private; one haversack, properly packed, for each man. The stretcher is narrow, jointed in the middle, the ends of each half terminating in a cross-bar; its weight is one-half that of a rifle musket.

This corps is very expert in the manual of the kit, particularly in the various methods of improvising ways to prepare the sick and wounded for transportation. Each corps made an exhibition before the Governor of some of its ways, and attracted much favorable expression from the spectators. The ambulance officer, whom I accompanied, took a squad to the neighboring woods and in a very short time put together a very creditable travois and in it hauled back from the woods, for a mile, one of the men. It stood the test and was on exhibition the next day.

#### THE HOSPITAL CORPS.

There is no regular hospital corps. The surgeons, assistant surgeons and stewards form part of the brigade regiments or battalions, and wear the uniforms of the regiments and battalions to which they belong.

There was one brigade hospital, with a few beds, near brigade headquarters. It was in a frame building of light character for summer occupation. At each regimental and battalion headquarters there was a large hospital tent of about four beds and furniture for same, and a fine medical outfit—one medical chest, orderly pouch with everything in it necessary for the care of the sick and wounded in hospital, and a medical supply table was adopted during the last year. I have before me a list of the contents of the pouch and of items of supply table, each of which I think too long to enter in this report.

#### THE SIGNAL CORPS.

The organization of the corps has also been given in that of the brigade. The kit used was the United States Signal Department

kit. Many (one-third) of the men were new, and the corps had to be worked up from that standard. Signalling by flag was constantly going on in the daytime, and that by torch and lantern till 10 o'clock at night. The progress during the five days camp was excellent.

#### REGULAR ARMY OFFICERS AND ADVISORY BOARDS.

No Regular Army officer was attached to the headquarters, and I learned of no advisory board connected with the management of this State militia. The Adjutant General directed all camp and field days, in the name of the Commander-in-Chief, and the direction of affairs in camp was left to the respective commanders.

#### ENCAMPMENTS.

There were four camps in all: one of the First Brigade, from June 6 to 10; the one of the Second Brigade, from July 18 to 22. Both were on the same ground, owned by the State, and located at South Framingham, about twenty-two miles west of Boston, on the Boston & Albany Railroad. The other two encampments were of the Corps of Cadets; that of the First Corps at Hingham, on ground owned by the Corps, and located about seventeen miles south-west of Boston, on an inlet of Boston Harbor, and reached by daily steamer from Boston or by trains of the Old Colony Railroad. The duration of the camp was from July 8 to 15, which was two days longer than the time ordered by the Commander-in-Chief. The Corps gives this time extra, one day of it without pay; the other is counted as Fall Field Day. The Second Corps encamped at Centennial Grove, near Essex, from August 8 to 12, on leased ground, which is located near the branch railroad running from Wenham, on Boston & Maine Railroad, to Essex. The camp grounds were fully described in the report of Capt. H. M. Kendall, Sixth Cavalry, in his report of 1891. The encampments of the brigades were laid out in one long line, running nearly east and west, facing north, the regiments of infantry in line of battalions, the majors' tents in line, about twelve yards in rear of the company officers' line; then came the line of marquee for the band concerts, and next the line of colonels, the proper intervals being given between battalion camps. The artillery and cavalry battalions' camp continued this line except the majors commanding their battalions had their band marquees in line with marquees of the infantry colonels and their own tents on the colonels' line. Then came the line of hospital tents, next of the mess marquees, next of kitchens, next a road running whole length of line behind

the kitchens, next the wash-rooms, and lastly the sinks, the proper intervals and distances being observed, except for sinks, the line of which was irregular according to the conformation of the ground.

The Cadets' camps were laid out on similar plans for the troops, but mess house and kitchens and sinks placed on the flanks and in rear.

#### *The Police of Camp.*

Each organization in the brigade camps had the responsibility of the police of its own front and depth. Inspections were made daily by the brigade inspector, the Medical Director of the brigade, and the Assistant Inspector General of the Commander-in-Chief attending the organization. The work was thoroughly and well done.

The camps of the Corps of Cadets had to be policed by their own commands, and were likewise critically inspected by the officer of the day, the surgeon and the Assistant Inspector General attending the camps.

The camps were very clean. The surgeon of the First Corps of Cadets was extremely careful as to the hygienic rules in connection with the camp. The bill of fare had to be approved by him; he prohibited all confectionery, also clam soups. He paid particular attention to disinfecting the sinks, and showed me a new disinfecting powder, perfectly odorless, which also rendered the sinks and floors near them odorless. The same disinfectant was also provided in a liquid form and poured into liquid matter deprived it of all disagreeable odor.

#### POINTS OF CONCENTRATION FOR SERVICE WITHIN THE STATE.

(a) The Adjutant General has had maps prepared, and on each is marked certain towns and cities, three or more in each regimental district. Each brigade and regimental headquarters is provided with one copy. The following are some of the places: Pittsfield, Springfield, Fitchburg, Worcester, South Framingham, Ayer Junction, Newburyport, Concord and Boston.

The following places are fixed as points of concentration without the State: —

(b) Pittsfield, for service in New York or westward; Springfield and Fitchburg, for service northward; Haverhill and Newburyport, towards New Hampshire and Maine; Springfield and Worcester, for service southward; Boston and Fall River, for expeditions on the Sound. All these points are railroad centres. The regiments and battalions can be concentrated in a very few

hours, not more than eighteen, at one point of a regimental district, and in twelve hours thereafter can be moved to any of these points selected for concentration of the whole force.

(c) Each brigade commander has the address of the home and the business address of the colonels and battalion commanders; each captain of a company has the same of the chiefs of squads, and the latter of the members of their squads. The word of assembling can generally be sent by telephone.

(d) The per cent. of attendance would probably be as much as 87.

The appropriation of the State is about \$213,000. The national appropriation is \$13,122.

#### ARMAMENT.

The cavalry is armed with the Springfield carbine, calibre .45, and the cavalry sabre; condition very good.

The artillery, Batteries B and C, each with four 3-inch ordnance, muzzle-loading field guns, and two Gatlings; Battery A, with four 12-pounder Napoleons and two Gatlings. The condition of the 3-inch guns and the Gatlings is very good, that of the 12-pounder Napoleons I consider not good. The wheels of the gun carriages are worn out, the spokes are loose in the felloes, and the wood parts old and have more or less lost their life. The vents of two of the guns are worn very large, and of the other two much worn; they need rebushing. There were no front sights or sight seats on the guns of this battery. In its present state the battery is unserviceable.

The infantry is armed with Springfield rifle musket, calibre .45, of three models, of 1873 and 1874 — those without safety notch, those with safety notch, and those with safety notch and Buffington sight. About one-fourth are in poor condition, the rifling being more or less worn. They are generally kept clean. Those of the First Corps of Cadets were absolutely clean; of the Second Corps of Cadets, very clean.

#### EQUIPMENT.

The cavalry equipment is nearly the same as that of the United States service — one set of horse equipments for each man, carbine, cartridge boxes and belts, haversacks, canteen and straps.

The artillery equipment had full sets of harness equipments and horse equipments necessary for the number of mounted men required for a battery of this kind. The guns and caisson carriages were equipped with the proper implements prescribed in tactics. The limber chests had not the usual tools in the trays. The per-

sonal equipment was the sabre and belt, haversack, canteen and straps. None of the batteries were provided with the battery wagon and travelling forge.

The equipment was in fair condition except the harness. Many repairs have to be made annually. The leather has probably lost most of its life from age. The carriages also sometimes need repair. The State allows annually to each separate battalion headquarters, Corps of Cadets, company, Signal and Ambulance Corps \$1.75 for each enlisted man in each organization, based upon average attendance at tours of duty, for repair of uniforms and other property of the Commonwealth. The wear and tear of a light battery or company of cavalry in the way of damage to its equipments, especially harness and horse equipments, is necessarily much greater than that of an infantry soldier, yet the amount for repairs is the same for all arms. It is claimed by the artillery batteries the appropriations in this respect are not enough to meet the repairs of a light battery.

#### *The Infantry.*

Each man is supplied by the State with gun slings, swords and belts for non-commissioned officers, bayonet scabbards, canteens and straps, cartridge box, belt and plate, haversack and box knapsack, all in good condition.

#### UNIFORM CLOTHING.

The State issues to the enlisted men, not of the First Corps of Cadets, a dress coat, and a great-coat, pair of trousers, a blouse, a cap and ornament, black and white helmet complete; chevrons for non-commissioned officers. The captain of a company is allowed \$1.75 per man a year for repairing uniforms and other property of the State. Blankets, shoes and underclothing have to be supplied by the men for themselves. The uniform of each enlisted man conforms as nearly as practicable in color and character to that of the United States soldier, except that the infantry adheres to the dark blue facings instead of white.

The dress uniform of the First Corps of Cadets consisted of a white dress coat, a shako dress hat, and light blue trousers; otherwise the uniform was that of the infantry of the brigade.

The Corps owns its own uniform, and supplies also to its men a brown canvas suit used for fatigue. The Second Corps of Cadets wears the scarlet dress coat, the old dress hat of the United States Corps of Cadets, with blue pompon, with red tips. Great care was given throughout to cleanliness and proper fitting of uniform. Only the yearly allowance is supplied by the State; but little is kept on

hand for reserve, and that more from the fact that clothing is re-issued after having been worn but little.

All arms, equipments, clothing, etc., have to be deposited in the armories after having been used for any purpose of duty, and it is forbidden for any person to wear or use them except when on military duty.

#### HORSES, OWNERSHIP OF.

They are generally hired. Some few of the cavalry enlisted men supply their own horses.

#### AMMUNITION.

About seventy-five to one hundred thousand rounds of ammunition for small arms are kept on hand at the State Arsenal at South Framingham, and twenty thousand rounds of the same in the city of Boston for emergency, all in good condition.

The First Corps of Cadets keeps on hand in the armory about five thousand rounds, and could habitually march with twenty rounds per man, depending upon State supply for balance. Any amount required could be obtained on short notice. No artillery ammunition kept on hand, and must depend upon supplies from the United States Ordnance Department in case required.

#### CAMP AND GARRISON EQUIPAGE.

(a) There are on hand at the State Arsenal 850 wall tents, 150 wall-tent flies, tent poles and pins for same. There are no shelter tents.

(b) There are no field mess outfits, nor cooking utensils.

#### PROPERTY ACCOUNTABILITY.

Every commissioned officer to whom property is issued for use of his command has to give receipts to the issuing officer, the superintendent of the State Arsenal, and has to make semi-annual returns of the same to the Adjutant General.

A company commander is allowed \$50 per year responsibility money, which generally covers losses.

Natural wear and tear losses can be covered by affidavits and action of board of survey. The regulations as to care and responsibility of public property are rigidly enforced by the Adjutant General. I looked over the books in his office and saw the accounts of several company commanders, and the charges made against them from the responsibility money in certain cases.

## SUBSISTENCE.

There is no regular ration provided by law. The officer or soldier has to provide his subsistence out of his pay. In camp the enlisted men are fed by contract with caterers, usually citizens, and the cooks are civilians. In some companies the catering is done by some officer of the company. In actual service under present laws similar methods would have to be adopted and civilian cooks hired if possible; otherwise the company commanders would have to draw supplies at the start and get them cooked as best they could.

Under section 127, Militia Laws 1893, the Commander-in-Chief may order rations issued to troops on duty, and the cost of the same shall be deducted from the pay of the troops.

## PAY AND ALLOWANCES.

When on duty, under sections 98, 99, 106, 107, and 114 of the Militia Laws, which duties are defined as follows:—

First. To repel an invasion or subdue an insurrection;

Second. To quell a riot or other armed disturbances against the laws;

Third. On field day each year;

Fourth. On the five consecutive days of camp duty each year;

Fifth. On escort duty ordered by the Commander-in-Chief—

The pay and allowances are as follows:—

Brigadier General, per diem, . . . .	\$15 28
Colonel, . . . . .	9 73
Lieutenant colonel, . . . . .	8 33
Major, . . . . .	6 95
Captain (mounted), . . . . .	5 55
Captain (not mounted), . . . . .	5 00
Adjutant, quartermaster, assistant surgeon, pay-master, and assistant inspector of rifle practice, . . . . .	5 00
First lieutenant (mounted), . . . . .	4 75
First lieutenant (not mounted), . . . . .	4 17
Second lieutenant (mounted), . . . . .	4 17
Second lieutenant (not mounted), . . . . .	3 89
Chaplain, . . . . .	4 17
Non-commissioned staff officers, . . . . .	2 50
Members of band, . . . . .	4 00
Drummers and buglers, . . . . .	3 50
Other enlisted men, . . . . .	2 00

For other duty than above specified, general and field officers get \$4 per diem; line officers, \$2.50; enlisted men, \$2. Additional per annum: the Assistant Adjutant General of brigade, \$20; an

adjutant, \$50; a paymaster for each company, \$12.50; company and Cadet Corps commanders, \$50; Signal Corps commanders, \$25 and Ambulance Corps commander, \$15. Mounted officers and soldiers, additional per diem for horse, \$4. Mileage: travelling with troops, 2 cents per mile; without troops, 4 cents per mile.

#### STORES.

Stores are purchased by the Adjutant General, in his capacity as Quartermaster General, either by contract or in open market. I do not understand that contracts are advertised by law. The medical supplies are purchased in like manner by the Surgeon General.

Stores required in addition to those now on hand to enable the command to take the field for sixty days. Upon careful consideration I see no reason for changing my estimates of last year, and repeat them.

#### CAMP EQUIPAGE.

Eight hundred axes and helves; 800 hatchets and helves; 520 spades; 520 pickaxes and helves; 520 camp kettles; 1,800 mess pans; 2,500 shelter tents, complete, or an equivalent in A tents.

#### ARTILLERY AMMUNITION.

*Three-inch Ordnance Muzzle-loading Guns, two Batteries, four Guns each.*

One hundred and sixty canister; 160 time shell; 640 percussion shell; 400 case shell; 160 solid shot; 1,650 cartridges; 1-lb. complete, 2,500 friction primers; 920 paper time fuzes, 10, 15, 20, 25 seconds, equal proportions.

#### *Twelve-pounder Four-Gun Napoleon Battery.*

Sixty-four shell, fixed (with Bormann fuze); 192 spherical case, fixed (with Bormann fuze); 192 solid shot, fixed; 64 canister, fixed; 700 friction primers.

*Equipments.* — Twenty-four vent punches; 24 gunner's pincers; 24 fuze wrenches; 16 fuze cutters; 8 fuze gouges; 36 tow hooks; 12 long-handled shovels; 12 felling axes; 12 picks, 8 pendulum hausses for 3-inch ordnance guns.

#### MESS OUTFIT.

Four thousand five hundred tin cups; 4,500 knives and forks; 4,500 meat cans.

#### SMALL-ARM AMMUNITION.

Twenty-one thousand ball cartridges, calibre .45 Springfield rifle; 10,500 ball cartridges, calibre .45 Springfield carbine.

### MEDICAL SUPPLIES.

I should think those on hand sufficient. Each organization has a well-equipped orderly pouch, containing assorted bandages, anti-septic gauze, package surgical cotton, hard-rubber pus basin, one-half pound ether, one ounce petroleum ointment, one elastic catheter, one pair of scissors, one paper of pins, one paper of safety pins, eight ounces of brandy, one ounce flexible collodion, one bottle of drainage quills, one bottle of sterilized silk, one package surgeon's needles, one spool adhesive plaster, one medicine vial case and contents, one hypodermic case and usual contents; also pocket cases fitted with the newest pattern of instruments.

Each organization is also provided with a medicine chest and a supply of medicines, as per adopted supply list recently approved by a board of surgeons.

The supplies are purchased by or upon orders of the Surgeon General in open market.

### DRILLS AND CEREMONIES.

The companies are expected to assemble in their armories for drill and instructions once a week, which instruction is entirely practical, consisting of exercises in the school of the soldier and of the company, and in some cases companies are mounted as a guard, divided into reliefs, and the formality of posting sentinels and relieving them gone through with. The main reliance, however, for instruction in drills and ceremonies is that afforded by the five continuous days of camp. The battalions of some of the regiments assemble in their armories once a month, but in others the companies are so very much scattered it is difficult to assemble them at all for drills and ceremonies except at their annual camp.

Each troop of the cavalry battalion has three drills a month, each in its own armory, and the battalion four drills a year (dis-mounted); the remainder of the instructions in the way of drills and ceremonies is at camp or on Fall Field Day.

In the camps the following are the usual drills and ceremonies required daily: camps of the brigade; setting-up drills of all arms immediately after reveille; regimental guard mounting at 8.10 A.M.; inspection of quarters immediately after guard mounting; infantry, cavalry and artillery drills for an hour each forenoon; the same for an hour each afternoon; dress parade near sunset.

The drills and ceremonies of the Corps of Cadets were the same as to numbers, but all pertaining to the infantry arm.

The scope of the drills of the infantry included those prescribed in the new infantry tactics in the open-order drill of the company;

the battalion, both in school of the battalion and open order; the evolutions of the regiment. Two regiments tried the open-order drill for the regiment, but the drill grounds were too limited for full development.

The light battery drills in the forenoon included the drill of the driver and of the battery, and the school of the battery and the battalion in the afternoon.

The cavalry drills included those of the troop and battalion.

In all of the arms it was apparent at once that the field and company officers were well posted and more or less accustomed to the work. In the regimental drills the majors and captains were prompt in executing the commands and in giving certain preparatory commands to be in readiness for the final command of execution. Some mistakes occurred either from not hearing the preparatory commands of the colonel or other cause, but it was noticeable because of the readiness with which any mismovement was corrected upon full comprehension of what was wanted. I think the proficiency of the infantry of the brigade in drills and ceremonies very good; that of the corps of cadets in all drills excellent; that of the mounted artillery much better than could be expected considering they started with green horses upon the beginning of camp. The remarks apply equally to the cavalry. Both arms at the end of camp could make a creditable battery, troop or battalion drill at the gait of a walk. At the reviews they attracted favorable remarks from all observers.

As previously mentioned, one regiment of infantry is required to be drilled and instructed in heavy artillery. The First Regiment is the one designated, and during its five days in camp had detachments drilling at the manual of the piece at the 10-inch Rodman guns and the 10-inch mortar batteries (siege); also had firing practice with the mortars. Upon one of my visits at one of their drills they showed good familiarity with the drill.

#### THE GOVERNOR'S DAY.

One of the most prominent features of each camp is what is known as Governor's Day. This is the day of the review of the troops by the Governor or Acting Governor; it is usually the day next before the breaking of camp, and is generally attended by members of the Governor's Council, by members of the Military Committee of both branches of the Legislature, and by a large number of officers of all the camps and friends of the militia officers and men.

This year, owing to the absence of the Governor from the State, the Lieutenant Governor attended the reviews of the camp of the

First Brigade and of the First Corps of Cadets, and the Governor the reviews of the Second Brigade and the Second Corps of Cadets.

Owing to the size of the three regiments of infantry, each of three battalions, together with the cavalry and mounted artillery present, the brigades when in line presented an imposing appearance and reminded one forcibly of warlike preparations. The troops marched well at the review, kept well dressed, observed distances well, and the results must have been very satisfactory to the brigade and subaltern commanders.

The reviews of the Corps of Cadets also attracted very much attention and many visitors, and as usual marched and looked well on the occasion of this year.

#### FIELD EXERCISES.

Each organization is allowed by law one day for field exercises, and it is known as Fall Field Day. By permission of proper authority it may be dispensed with, and the day added to the time allowed in camp. Duties of this additional day are supposed to be of light character, as expected of troops on Fall Field Day.

The following is an extract from the report of Lieut. Col. L. J. Logan of the duty performed by his command, the Ninth Regiment of Infantry, last fall:—

In accordance with Regimental Orders, No. 6, the six companies located in Boston reported to Lieutenant Colonel Logan at the East Armory at 8.45 A.M. and after forming line took up march to Boston Common, arriving at 9.40 A.M. Six companies, under Maj. W. H. Donovan, reported on Boston Common at 9.30 A.M. Regimental line was formed and the regiment turned over to Colonel Strachan.

The regiment was exercised in regimental movements, after which the battalions formed separately, street column and squares.

Street firing with blank cartridges was practised. The companies were then dismissed and ordered to report back at 12 o'clock. Upon the companies reporting back, line was formed and the regiment started for corner of Columbus Avenue and Berkeley Street and reported to Gen. M. T. Donohue, chief marshal, to take part in the procession of the Columbian parade.

#### TROOP F, FIRST CAVALRY.

The troop assembled at Carlisle Centre at 8 o'clock A.M., many of the men coming over the road mounted, squads coming from Westford, Chelmsford and Ayer, 8, 10 and 15 miles off, respectively. The horses were inspected at once by the veterinary surgeon. The command at 9 A.M. proceeded to a field  $1\frac{1}{4}$  miles distant and had drill in Company movements. In the afternoon a sham battle was had, the troop divided into two parts, skirmishers deployed on both sides; firing of blank cartridges was executed. Strength of troop, three officers and sixty-four enlisted men.

The other troops, regiments and battalions, except the First Corps of Cadets, had some exercise and rendered reports of the same to the Adjutant General of the State.

#### PERSONNEL AND DISCIPLINE.

The *personnel* of the officers is excellent, nearly all well educated and intelligent men; some are graduates of colleges. The *personnel* of the enlisted men is good; a majority look quite young. The medical department of the State keeps a sharp lookout both of the officers and enlisted men; any men found physically weak or inefficient are recommended for discharge.

I think the discipline very good. In the militia the word has significance more in connection with obedience and respect of juniors to superiors when on duty. There is more or less intimacy between the enlisted men and the officers off duty, but from the system of elections such must be expected, and is not altogether an evil. In the First Corps of Cadets both the *personnel* and discipline must be called excellent.

#### INSTRUCTION, THEORETICAL AND PRACTICAL.

There is no particular instruction given that can be called theoretical. Company commanders have now and then talks with the non-commissioned officers and men. Officers are encouraged to keep well posted on current military literature. In the First Corps of Cadets the commandant gives an annual lecture.

To aid instruction in guard manual, circulars are issued by some of the battalion commanders, giving the duties of sentinels under various circumstances, the general orders of a sentinel, and the duties of a sergeant and a corporal of the guard. The practical instruction is such as must be obtained at the drills, ceremonies, and actual duties on guard, as previously mentioned under that heading.

#### GUARD DUTY.

Great attention is given to the proper performance of this duty. In the brigade camp two staff officers of the brigade commander are especially detailed to question guards and sentinels and observe the general manner of performance of duty; also one of the Assistant Inspector Generals of the Commander-in-Chief's staff performs like duty. I accompanied one of the latter inspectors to hear the questioning of the members of the guard at each one of the camps, during which no one was omitted; it included the officers and non-commissioned officers as well as the privates of the guard.

The officers and non-commissioned officers were well instructed. There were a good many privates who seemed quite staggered upon hearing some of the questions relative to their ordinary duties. The latter while on post performed their duties usually in a military and intelligent manner. The sentinels of the First and Second Corps of Cadets were well instructed. Of the many sentinels of the First Corps whom I heard give their orders, scarcely a mistake was made.

#### TARGET PRACTICE.

The cavalry and infantry were required to have certain preliminary practice before going to the regular ranges, but few of the armories had gallery ranges and this instruction (preliminary) was confined to aiming drills. For the troops about and in Boston the regular range was the one known as Walnut Hill range, owned by private parties, and the shooting was done on tickets supplied by the State. Until this last summer much of the unfinished firing was done at the camp ranges, but this year the range at South Framingham was condemned as unsafe.

The First Corps of Cadets has a 200-yard range immediately in rear of a part of its camp; the range has two targets. There is a very good small-arm range at Worcester, which includes the short and mid ranges; otherwise the troops have to get opportunities as best they can for regular practice.

There is no range for mounted artillery practice secured by the State and no practice is held. No ammunition is kept for the purpose.

For heavy artillery practice there is a short mortar range at the camp at South Framingham.

The system is generally that of Blunt's, except classification, which is as follows: —

	Range, yards.
Third class, two scores, 15 out of 25, . . .	200
Second class, two scores, 18 out of 25, . . .	200
First class, two scores, 21 out of 25, . . .	200
And two scores, 21 out of 25, . . .	500
Sharpshooters, two scores, 22 out of 25, . . .	200
And two scores, 24 out of 25, . . .	500
And two scores, 23 out of 25, . . .	600

#### TRANSPORTATION.

There is no transportation of any kind owned by the State, but troops can be moved westward, north-west, north-east, and south-west at any time by three or four different railroad routes, and, the State having a long sea-coast and many good harbors, both on

coast and Long Island Sound, frequented by fine sailing vessels and steamships, transportation by water can readily be attained to any part of this country or the Americas.

#### MILITARY CODE.

Chapter 367, Acts of 1893, section 166, contemplates the service of the militia to be called for by the President of the United States, and states that when in the service of the United States, if paid by the State, the pay and allowances will be the same as of the regular troops of the United States, and the ration, when commuted, shall be valued at the rates fixed by the regulations of the United States Army in force at the time; and when discharged, shall be allowed pay and rations to their respective homes.

#### REGULATIONS.

I understand there is a book of State regulations for the government of the militia, called "Massachusetts Regulations."

#### MAPS, ETC.

I found no maps at any headquarters except the one already referred to showing points of concentration of troops within the State. There were no surplus ones of those.

#### ARMORIES, LOCATION AND DESCRIPTION OF.

I am not able to give the information called for on this subject, but expect the information in due time from the Adjutant General of the State.

#### ARSENALS.

There is only one State arsenal, which is at South Framingham. It is a brick building two and a half stories high, 200 by 40 feet; cellar, 7 feet; first and second floors, 11 feet high. The cellar is used as store-room for tent poles and packing boxes; the first floor for superintendent's office, store-room and artillery equipment property. The second floor has repair shops, clothing and infantry equipments. The attic is used for the storage of tents.

#### INDEPENDENT COMMANDS WITHIN THE STATE.

They are the following, viz. : —

1. The Ancient and Honorable Company of Artillery.
2. The Veteran Artillery Association of Newburyport.
3. The Veteran Cadet Association of Salem.
4. The Veteran Association of the Independent Corps of Cadets, Boston.

5. The Salem Light Infantry Veteran Association.
6. The Veteran Artillery Association of Amesbury and Salisbury.
7. The Boston Light Infantry Association.

The above are in no way considered as a part of the militia. Other than the above and the militia, no body of men are permitted to associate themselves together for drill, or parade with fire-arms, or maintain an armory in any city or town of the Commonwealth, provided that associations wholly composed of soldiers honorably discharged from the service of the United States may parade in public with arms upon the reception of any regiments or companies of soldiers returning from service, or for the purpose of escort duty at the burial of deceased soldiers, having first obtained written permission to do so from the mayor and aldermen of the cities or selectmen of the towns in which they desire to parade; also, students in educational institutions where military service is a prescribed part of the course of instruction may, with the consent of the Governor, drill and parade with arms, under the superintendence of their teachers.

#### RECOMMENDATIONS.

The superior officers in control of the militia of the State have had much experience in military matters, some in the United States volunteers in the late war, some in the regular service of the United States, both Army and Navy, and others much service in the militia of their own State. They are capable and like to work out for themselves all new military matters, as the "Drill Regulations," "Guard Manual," etc. They ask very few questions. As to any aid that can be given them, there is a strong feeling, long existing, that the most practical way is for the general government to authorize the change of their obsolete arms for the latest model of government arm.

Respectfully submitted,

M. P. MILLER,  
*Major Fifth Artillery.*

## REPORT OF THE SURGEON GENERAL.

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COMMONWEALTH OF MASSACHUSETTS,  
OFFICE OF SURGEON GENERAL, BOSTON, Dec. 31, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General, Massachusetts.*

SIR:— In conformity with regulations governing the Massachusetts Volunteer Militia, which require that the annual report of this office shall be submitted to the Commander-in-Chief through the office of the Adjutant General, on or before the fifth day of January of each year, I have the honor to herewith forward the accompanying, and remain,

Very respectfully, your obedient servant,

THOMAS KITTREDGE,  
*Surgeon General, Massachusetts.*

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OFFICE OF SURGEON GENERAL, BOSTON, Dec. 31, 1893.

To His Excellency WILLIAM E. RUSSELL,  
*Governor and Commander-in-Chief.*

SIR:— I have the honor to submit the following report of this office for the year 1893.

### STATE AID.

I have examined during the year one hundred and twelve applicants for State and military aid, a slight falling off from last year. All of these have been deserving men and there have been no doubts about their incapacity for work to a greater or lesser degree.

But one case has been sent to me for examination for admission to the national homes, owing to the fact, I presume, of there being no vacancies at these homes.

### MILITIA.

The physical condition of the State troops has been good. A few more physically weak and inefficient men have been discharged, and to-day, as far as I know, there are in the service none but able-bodied and effective men.

I wish to renew my recommendations of last year: That a thorough physical examination of every officer and man be made before he is accepted into the military service of the State, and only those coming up to the desired standard be accepted; that more attention be given to the physical training of officers and men, a gymnasium established in every armory, and a systematic course of athletic exercises prescribed and carried out under a proper instructor; that a working suit of duck be provided for the men; that officers (particularly medical officers) be allowed to wear white duck trousers and coats for fatigue duty; that some more modern and more comfortable form of knapsack be provided; that a system of drainage at the State camp-ground be established; that a bath-house for each organization be provided, also bins for fuel, and garbage pails; that buckets be placed in the cells of the prison; that a system of feeding troops in conformity to military usages be adopted, together with an emergency ration.

I renew my recommendations of last year, that assistant surgeons serving five years continuously be given the rank and pay of captains of infantry, and that the medical department be made a staff corps. This could be arranged so that by competitive examinations and the establishing of a waiting list the danger of favoritism and the appointment of inefficient men could be avoided.

At my suggestion, loose box stalls were constructed in the cavalry and artillery stables at the State camp-ground previous to the annual encampments.

#### MEDICAL DEPARTMENT.

Early in the year, owing to the special appropriation, I was able to complete the new outfit spoken of in my last two reports. New field operating cases (of the new United States Army pattern) were purchased and one issued to each medical officer. The old medicine chests were bound and strengthened with brass, and refitted with bottles to hold drugs and medicines in the compressed form. It was necessary to not only have these bottles made to order but also to have the moulds for the bottles made. These are now the property of the State, and, together with some extra bottles, are stored at Melvin & Badger's, with the medicine chests. Three entirely new chests were made, one for the Second Corps of Cadets, one for the Naval Battalion, and one for use at headquarters. The veterinary department was supplied with saddlebags, veterinary-instrument cases, horse slings and all the appliances that might be needed in that department. Flies for the regimental hospitals, and splints and antiseptic dressings for the brigade hospital, were provided.

## AMBULANCE CORPS.

The Ambulance Corps have done their usual good work, although one of the corps is not in as good condition as it should be. Preparations have nearly been completed for enlarging the corps in accordance with the provisions made by the last Legislature.

I renew my suggestion of last year that four men in each company of the different organizations be trained as company bearers, as an adjunct to the Ambulance Corps.

Each of the State encampments was visited by me, with the exception of the encampment of the Second Corps of Cadets. Being out of the State, on other duty, Maj. William L. Richardson was detailed to visit that camp. I enclose his report.

Each of these encampments was found in good sanitary condition. No unusual amount of sickness occurred and no serious accidents happened.

Acting under instructions from you, I, in company with Lieutenant Colonel Burrell, Medical Director First Brigade, M. V. M., attended the third annual meeting of the Association of Military Surgeons of the National Guard of the United States, held at Chicago, August 8 to 11. The scope of the organization was enlarged by taking in medical officers of the United States Army, Navy and Marine Hospital Corps, and the name changed to Association of Military Surgeons of the United States. The meeting was a most interesting one—many instructive papers being read by representatives of the army and national guard of the different States.

In closing I wish to thank you, sir, for your uniform kindness and courtesy to me at all times, and the medical staff for their cordial support and loyalty. I have found them always faithful, prompt, and ever ready to serve the State in every way required of them.

Maj. William C. Capelle, of the Adjutant General's office, from his long service and perfect familiarity with the office, has been of great assistance to me and his services have been most valuable.

I submit for your consideration, as a part of this report, the reports of medical officers, the roster of the medical department, together with a schedule of the property of the State for which I am responsible.

I have the honor to be, very respectfully, your obedient servant,

THOMAS KITTREDGE,  
*Surgeon General, Massachusetts.*

*Roster of Medical Officers, M. V. M., in Order of Lineal Rank.*

	NAME.	Residence.	Rank.	Date of Commission.	Organisation.
<i>Medical Directors.</i>					
1	Herbert L. Burrell.	Boston.	Lt. Col.,	Feb. 20, 1889,	First Brigade.
2	Freeman C. Hersey,	Boston.	Lt. Col.,	April 13, 1891,	Second Brigade.
<i>Surgeons.</i>					
1	William L. Richardson,	Boston.	Major,	Nov. 6, 1875,	First Corps of Cadets.
2	David Clark,	Springfield,	Major,	Aug. 25, 1876,	Second Regiment Infantry.
3	Otis H. Marion,	Allston,	Major,	April 18, 1883,	First Regiment Infantry.
4	Charles H. Rice,	Fitchburg,	Major,	Dec. 27, 1884,	Sixth Regiment Infantry.
5	Charles H. Cogswell,	Boston,	Major,	Dec. 8, 1887,	First Battalion Cavalry.
6	William H. Devine,	Boston,	Major,	May 1, 1888,	Ninth Regiment Infantry.
7	Benjamin R. Symonds, Jr.,	Salem,	Major,	Jan. 18, 1889,	Second Corps Cadets.
8	Charles C. Foster,	Cambridge,	Major,	March 22, 1889,	Fifth Regiment Infantry.
9	John F. Harvey,	Boston,	Major,	May 26, 1893,	First Battalion Artillery.
10	Thomas Amory DeBlois,	Boston,	Lieut.,	Nov. 18, 1893,	Naval Brigade
11	Vacancy,	.	Major,	.	Eighth Regiment Infantry.
<i>Assistant Surgeons.</i>					
1	Orland J. Brown,	North Adams,	1st Lieut.,	Sept. 20, 1878,	Second Regiment Infantry.
2	Charles M. Green,	Boston,	1st Lieut.,	Aug. 9, 1881,	First Corps Cadets.
3	Howard S. Dearing,	Boston,	1st Lieut.,	April 1, 1887,	First Regiment Infantry.
4	D. F. O'Callaghan,	Boston,	1st Lieut.,	June 15, 1888,	Ninth Regiment Infantry.
5	Amasa Howard,	Chelmsford,	1st Lieut.,	Feb. 19, 1889,	Troop F, Cavalry.
6	H. Lincoln Chase,	Brookline,	1st Lieut.,	July 25, 1889,	Fifth Regiment Infantry.
7	Omer P. Porter,	Lowell,	1st Lieut.,	April 15, 1890,	Sixth Regiment Infantry.

*Roster of Medical Officers, M. V. M., in Order of Lineal Rank — Concluded.*

	NAME.	Residence.	Rank.	Date of Commission.	Organization.
<i>Assistant Surgeons — Concluded.</i>					
8	Charles S. Millet, . . . . .	Rockland, . . . . .	1st Lieut., . . . . .	May 17, 1890,	First Battalion Cavalry.
9	James E. Simpson, . . . . .	Salem, . . . . .	1st Lieut., . . . . .	May 18, 1891,	Second Corps Cadets.
10	Gardner W. Allen, . . . . .	Boston, . . . . .	Lt. J. G., . . . . .	March 22, 1898,	Naval Brigade.
11	Charles W. Galloupe, . . . . .	Boston, . . . . .	1st Lieut., . . . . .	Sept. 13, 1893,	Battery A.
12	Edward H. Abbé, . . . . .	New Bedford, . . . . .	Lt. J. G., . . . . .	Oct. 19, 1898,	Naval Brigade.
13	Vacancy, . . . . .	. . . . .	1st Lieut., . . . . .	. . . . .	Eighth Regiment Infantry.
<i>Veterinary Surgeons</i>					
1	Austin Peters, . . . . .	Boston, . . . . .	1st Lieut., . . . . .	June 29, 1891,	First Battalion Cavalry.
2	Frederick H. Osgood, . . . . .	Boston, . . . . .	1st Lieut., . . . . .	April 5, 1898,	First Battalion Artillery.
<i>Ambulance Officers.</i>					
1	Myles Standish, . . . . .	Boston, . . . . .	1st Lieut., . . . . .	March 1, 1889,	First Brigade.
2	Arthur W. Clark, . . . . .	Boston, . . . . .	1st Lieut., . . . . .	Nov. 9, 1889,	Second Brigade.

*Property in use, Medical Department, M. V. M.*

NAME.	Rank and Title.	Organisation.	Property in Charge.
Herbert L. Burrell, .	Lieut. Col., Medical Director,	First Brigade, .	Field operating case, medicine chest.
Freeman C. Hersey, .	Lieut. Col., Medical Director,	Second Brigade, .	Medicine chest and field operating case.
William L. Richardson, .	Major and Surgeon, .	First Corps Cadets, .	Field operating case, medicine chest, pocket case and orderly pouch.
David Clark, . . .	Major and Surgeon, .	Second Reg't Infantry, .	Field operating case, pocket case, medicine chest and orderly pouch.
Otis H. Marion, . .	Major and Surgeon, .	First Regiment Infantry, .	Field operating case, pocket case, medicine chest and orderly pouch.
Charles H. Rice, . .	Major and Surgeon, .	Sixth Regiment Infantry, .	Field operating case, pocket case, medicine chest and orderly pouch.
Charles H. Cogswell, .	Major and Surgeon, .	First Battalion Cavalry, .	Field operating case, pocket case, medicine chest and orderly pouch.
William H. Devine, .	Major and Surgeon, .	Ninth Regiment Infantry, .	Field operating case, pocket case, medicine chest and orderly pouch.
Benjamin R. Symonds, Jr., .	Major and Surgeon, .	Second Corps Cadets, .	Field operating case, pocket case, medicine chest and orderly pouch.
Charles C. Foster, . .	Major and Surgeon, .	Fifth Regiment Infantry, .	Field operating case, pocket case, medicine chest and orderly pouch.
John F. Harvey, . .	Major and Surgeon, .	First Battalion Artillery, .	Field operating case, pocket case, medicine chest and orderly pouch.
Thomas Amory DeBlois, .	Lieutenant and Surgeon, .	Naval Brigade, . . .	Field operating case, medicine case and orderly pouch.
Orland J. Brown, . .	1st Lieut., Assistant Surgeon, .	Eighth Reg't Infantry, .	Field operating case, pocket case, orderly pouch.
Charles M. Green, . .	1st Lieut., Assistant Surgeon, .	Second Infantry, . .	Field operating case.
		First Corps Cadets, .	Field operating case.

*Property in use, Medical Department, M. V. M. — Concluded.*

NAME.	Rank and Title.	Organization.	Property in Charge.
Howard S. Dearing,	1st Lieut., Assistant Surgeon,	First Regiment Infantry,	Field operating case.
Denis F. O'Callaghan,	1st Lieut., Assistant Surgeon,	Ninth Regiment Infantry,	Field operating case.
Amasa Howard,	1st Lieut., Assistant Surgeon,	Troop F, Cavalry, . .	Field operating case, pocket case, medicine chest and orderly pouch.
H. Lincoln Chase,	1st Lieut., Assistant Surgeon,	Fifth Regiment Infantry,	Field operating case.
Omer P. Porter,	1st Lieut., Assistant Surgeon,	Sixth Regiment Infantry,	Field operating case.
Charles S. Millet,	1st Lieut., Assistant Surgeon,	First Battalion Cavalry, .	Field operating case
Charles W. Galloupe,	1st Lieut., Assistant Surgeon,	Battery A, Artillery, .	Field operating case, pocket case, medicine chest and orderly pouch.
James E. Simpson,	1st Lieut., Assistant Surgeon,	Second Corps Cadets, .	Field operating case.
Austin Peters,	1st Lieut., Veterinary Surgeon,	First Battalion Cavalry, .	Case veterinary instruments and saddle bags.
Frederick H. Osgood,	1st Lieut., Veterinary Surgeon,	First Battalion Artillery,	Case of veterinary instruments and saddle bags.
Gardner W. Allen,	Lieut. J. G., Assist. Surgeon,	Naval Brigade, . .	Field operating case and orderly pouch.
Edward H. Abbé,	Lieut. J. G., Assist. Surgeon,	Naval Brigade, . .	Field operating case and orderly pouch.
	(Vacancy), . . . .	Eighth Reg't Infantry, .	Field operating case.

*Consolidated Report of Surgical Instruments, Medicines and Hospital Property, for which the Surgeon General is responsible.*

	On Hand from Last Return.	Purchased and taken up 1898.	Total to be ac- counted for.	Expended.	Total disposed of.	Remaining on Hand to be ac- counted for.	In Hands of Militia.	In Hands of Sur- geon General.	At State Arsenal.	At Mevin & Badger's.
General operating cases, . . . . .	3	—	3	3	0	—	—	—	—	—
U. S. A. operating cases, . . . . .	8	—	8	8	0	—	—	—	—	—
Field operating instrument cases, . . . . .	—	25	25	—	—	25	25	—	—	—
Veterinary instruments, . . . . .	—	9	9	—	—	9	3	—	—	—
Covers and belts for instrument cases, . . . . .	—	28	28	—	—	28	28	—	—	—
French knapsack, . . . . .	1	—	1	—	—	1	—	1	—	—
Set of dental instruments, . . . . .	—	1	1	—	—	1	—	—	1	—
Forceps, . . . . .	—	12	12	—	—	12	12	—	—	—
Medicine cases (wood), . . . . .	11	3	14	—	—	14	13	—	1	—
Medicine cases (leather), . . . . .	3	—	3	—	—	3	2	—	—	—
Surgeon's field companions, . . . . .	19	—	19	—	—	19	4	7	8	—
Field stretchers, . . . . .	2	—	2	—	—	2	—	—	2	—
Splints, sets, . . . . .	2	1	3	—	—	3	1	—	2	—
Meteorological instruments, . . . . .	2	—	2	—	—	2	—	—	2	—
Earth-closet, . . . . .	1	—	1	—	—	1	—	—	1	—
Ambulance (hand), . . . . .	1	—	1	—	—	1	—	—	1	—
Ambulance (two-horse), . . . . .	1	—	1	—	—	1	—	—	1	—
Harness (two-horse), sets, . . . . .	1	—	1	—	—	1	—	—	1	—
Anatomical charts, . . . . .	8	—	8	—	—	8	8	—	1	—
Surgeon's pocket cases, . . . . .	14	3	17	—	—	17	16	1	—	—
Bedsteads, camp (iron), . . . . .	20	—	20	—	—	20	—	—	20	—
Thermometer and case, . . . . .	—	1	1	—	—	1	1	—	—	—
Bed-pans, . . . . .	—	1	1	—	—	1	1	—	—	—

*Consolidated Report of Surgical Instruments, Medicines and Hospital Property, etc. — Concluded.*

	On Hand from Last Return.	Purchased and taken up 1898.	Total to be ac- counted for.	Expended.	Total disposed of.	Remaining on Hand to be ac- counted for.	In Hands of Militia.	In Hands of Sur- geon General.	At State Arsenal.	At Melvin & Badger's.
Blankets, . . . . .	68	-	68	2	2	66	-	-	66	-
Chairs, . . . . .	28	-	28	-	-	28	-	-	28	-
Chests, storage, . . . . .	2	3	5	-	-	5	-	2	1	-
Cots, . . . . .	10	-	10	-	-	10	-	-	10	-
Cuspidors, . . . . .	10	-	10	-	-	10	-	-	10	-
Crutches (pairs), . . . . .	1	-	1	-	-	1	-	-	$\frac{1}{2}$	-
Candlesticks, . . . . .	6	-	6	2	2	4	-	-	4	-
Lanterns, . . . . .	6	-	6	1	1	5	-	-	5	-
Lamps, . . . . .	6	-	6	2	2	4	-	-	4	-
Mattresses, . . . . .	31	-	31	5	5	26	-	-	26	-
Whip, . . . . .	1	-	1	-	-	1	-	-	1	-
Pillows, . . . . .	26	2	28	-	-	28	-	-	26	-
Pillow-cases, . . . . .	59	-	59	2	2	57	-	-	57	-
Sheets, . . . . .	58	1	54	-	-	54	-	-	54	-
Stethoscope, . . . . .	1	-	1	-	-	1	-	1	-	-
Percussor, . . . . .	1	-	1	-	-	1	-	1	-	-
Tape measure, . . . . .	1	-	1	-	-	1	-	1	-	-
Urinometer, . . . . .	1	-	1	1	1	-	-	-	-	-
Test tubes, . . . . .	9	-	6	6	6	-	-	-	-	-
Reagent bottles, . . . . .	3	-	3	3	3	-	-	-	-	-
Spoons, . . . . .	6	-	6	6	6	-	-	-	-	-
Tables, . . . . .	22	-	22	1	1	21	-	-	21	-
Tent floors, . . . . .	5	-	5	-	-	5	-	-	5	-
Tin dippers, . . . . .	7	-	7	-	-	7	-	-	7	-

Tin basin (wash).	16	-	16	1	15	-	-	15	-
Tin trays.	16	-	16	1	16	-	-	16	-
Towels.	48	-	48	7	41	-	-	41	-
Toilet stands.	16	-	16	-	-	-	-	-	-
Tumblers.	2	-	2	-	2	-	-	2	-
Urinals.	5	-	5	-	5	-	-	5	-
Water pails.	1	-	1	-	1	-	-	1	-
Stretchers (complete).	13	-	13	-	13	-	12	1	-
Haversacks (canvas).	31	-	31	16	15	-	15	-	-
Haversacks (leather).	25	-	25	-	25	-	25	-	-
Saddle bags.	2	-	2	-	2	-	2	-	-
Knives.	29	-	29	11	18	-	18	-	-
Scissors, pairs.	32	-	32	9	23	-	23	-	-
Tourniquets.	11	-	11	-	11	-	11	-	-
Bandage roller.	2	-	2	-	2	-	2	-	-
Models, anatomical (arms).	14	-	14	-	14	-	14	-	-
Models, anatomical (arms, half).	2	-	2	-	2	-	2	-	-
Models, anatomical (legs).	7	-	7	-	7	-	7	-	-
Pulp pails (with covers).	3	-	3	-	3	-	3	-	-
Tents (hospital).	5	-	5	-	5	-	5	-	-
Tent flies (hospital).	5	-	5	-	5	-	5	-	-
Flags (hospital).	1	-	1	-	1	-	1	-	-
Flags, white (red cross).	5	-	5	-	5	-	5	-	-
Window curtains.	6	-	6	-	6	-	6	-	-
Kit covers.	23	-	24	-	24	-	23	1	-
Garbage pails.	5	-	5	-	5	-	5	-	-
Quart measures.	1	-	1	1	-	-	-	-	-
Surgeons' orderly pouches.	14	-	16	-	16	-	16	-	-
Horse sling.	-	-	1	-	1	-	1	-	-
Gun slings (strong).	-	-	4	-	4	-	4	-	-
Bottle moulds.	-	-	7	-	7	-	7	-	-

## REPORTS OF CHIEF MEDICAL OFFICERS.

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22 NEWBURY STREET, BOSTON, MASS., Oct. 23, 1893.

Brig. Gen. THOMAS KITTREDGE, *Surgeon General of Massachusetts.*

SIR:—Enclosed you will find the reports of the medical officers of the First, Second and Sixth Regiments of Infantry, First Brigade, M. V. M.

Very respectfully, your obedient servant,

H. L. BURRELL,  
*Lieutenant Colonel and Medical Director, First Brigade, M. V. M.*

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HEADQUARTERS SECOND REGIMENT INFANTRY,  
FIRST BRIGADE, M. V. M.,  
SPRINGFIELD, MASS., Sept. 27, 1893.

Gen. THOMAS KITTREDGE, *Surgeon General, M. V. M.*

SIR:—I have the honor to submit the medical report of the Second Regiment's field day at Northampton, September 21.

Fortunately, our professional services were not required in a single instance, and no mishap to any of the officers or men of our command is known to have occurred. The men did their work well, judging from our stand-point, and we neither saw nor heard of any instance of unsoldierly conduct.

The field was an ideal one for our use, and most happily selected, in a large undulating meadow, on the banks of the Connecticut River, with the beautiful Mount Tom and Mount Holyoke near at hand.

The day, with its results, was as near perfect as anything of the kind could well be, and I am sure will be remembered by all who were there as one of the pleasantest and most profitable field days ever experienced by this regiment.

I am your most obedient servant,

DAVID CLARK,  
*Surgeon, Second Regiment, M. V. M.*

HEADQUARTERS FIRST REGIMENT INFANTRY,  
FIRST BRIGADE, M. V. M.,  
SOUTH ARMORY, BOSTON, Oct. 13, 1893.

Lieut. Col. H. L. BURRELL, *Medical Director, First Brigade.*

SIR:—I have the honor of making the following report of the tour of duty of the First Regiment, M. V. M., performed Oct. 9, 1893, at Taunton, Mass. The regiment embarked from Boston at 8.15 A.M., Old Colony Railroad; disembarked at Taunton at 9.30; at once went to work for a sham battle. During the engagement only one man injured, on the face, by the discharge of a rifle at too close range; slight flesh wound. The rations were abundant and excellent and served in the best manner. During the parade through Taunton six men fell out from fatigue or slight indisposition; they were cared for by the hospital department and transported in ambulance, which followed the regiment, to the station. The return to Boston was without accident or mishap. Weather conditions perfect.

Very truly, your obedient servant,

OTIS H. MARION,  
*Surgeon.*

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FITCHBURG, Oct. 16, 1893.

Lieut. Col. H. L. BURRELL, *Medical Director, First Brigade, M. V. M.*

SIR:—I have the honor of reporting to you in relation to the medical department of the Sixth Regiment Infantry, M. V. M., while in this city Oct. 11, 1893, on its fall tour of duty.

The medical staff was fully represented and was ready with ambulance and hospital for any emergency arising. The medical officers made themselves useful to the colonel of the regiment by assisting him in carrying out his idea of a sham fight, etc.

The men of the several companies carried their own rations, the city furnishing plenty of hot coffee.

The day was perfect in every respect and the men did their duty cheerfully.

Respectfully, your obedient servant,

CHARLES H. RICE,  
*Surgeon.*

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HEADQUARTERS FIRST CORPS CADETS, M. V. M.,  
BOSTON, July 17, 1893.

Brig. Gen. THOMAS KITTREDGE, *Surgeon General, Massachusetts.*

GENERAL:—I have the honor to submit the following report of the medical department of the First Corps of Cadets during the

encampment at Hingham, from the 8th to the 15th of July, inclusive.

The weather during the week was all that could be desired. The few showers which fell during Wednesday afternoon and night, while interfering with the inspection and dress-parade, were greatly needed, the ground of the camp being very dry. The meteorological observations, a record of which is enclosed, were taken by Assistant Surgeon Charles M. Green. The maximum daily temperature did not rise above 92°, while the mean average of the thermometer for the week was 69.87°, a much lower average than has prevailed of late years.

The health of the command was excellent. The hospital was not used during the week. The change made by the commanding officer in having the examinations of the guard so conducted as to interfere as little as possible with the rest required by the men detailed for guard duty was of great advantage to the general health of the men.

At the north-east corner of the camp an enclosure thirty feet square has been made by the erection of a fence, in which the receptacles for garbage have been placed. In this enclosure the wood and coal for cooking purposes are also kept.

The alterations made in the old medicine chest have proved satisfactory. The new supply table is a great improvement on the old, both as regards the character and form of the drugs supplied. The new field operating case is also admirably adapted to fulfil all the requirements of aseptic surgery and contains everything which would be needed.

A daily morning sanitary inspection of the camp was made, in company with the officer of the day. The dietary for the day was examined. The food was, as usual, simple in character and well cooked.

Since the last camp a change has been made in the officers connected with the medical department. The term of enlistment of the hospital steward, Dr. Thomas F. Sherman, expired June 22 of this year. Owing to ill health he did not re-enlist and Dr. Augustus S. Knight was appointed as his successor. Dr. Sherman had served as hospital steward for nine years, and the faithfulness, punctuality and thoroughness shown in the discharge of all his duties, combined with his genial manner and kindly courtesy, has made his loss as a member of the non-commissioned staff one felt by both the officers and men of the command.

I have the honor to be, very respectfully, your obedient servant,

WILLIAM L. RICHARDSON,  
*Surgeon.*

*Meteorological Record for Encampment of First Corps of Cadets, M. V. M., ending July 15, 1893.*

DATES OF OBSERVATION.	Time of Observa- tion.	Barometer.	THERM.		Corrected Barom- eter.	HYGRO.		WIND.		CLOUDS.				RAIN.		Maximum and Minimum Therm.	MEAN AV.		Remarks.		
			Exposed.	Attached.		Wet Bulb Thermom't.	Relative Humidity.	Direction.		Force.	UPPER.		LOWER.		Commenced.		Ended.	Amount of, in inches.		Thermom't.	Barometer.
								Kind.	Amount.		Kind.	Amount.	Kind.	Amount.							
Saturday, July 8, 1893,	9 P.M.	29.74	70	-	-	66	78	S. W.	5	-	Str.	10	8.10 P.M. 9.00 P.M.	9.50 P.M.	80	-	-	Cloudy.			
Sunday, July 9, 1893,	7 A.M.	29.76	76	-	-	70	70	N. W.	2	Clr.	Cum.	2	-	-	66	-	-	Fair.			
	2 P.M.	29.81	89	-	-	72	40	N. E.	1	Clr. Cum.	Cum.	5	-	-	-	-	75.25 29.80	Fair.			
Monday, July 10, 1893,	9 P.M.	29.83	68	-	-	65	83	E. N. E.	3	Clr. Cum.	Str.	5	9.30 P.M.	-	92	-	-	Fair.			
	7 A.M.	29.95	67	-	-	59	61	W. N. W.	2	Clr.	Str.	1	-	-	56	-	-	Clear.			
	2 P.M.	30.00	79	-	-	64	40	E.	1	Cum. Cir.	-	5	-	-	-	68.00 29.99	-	Fair.			
Tuesday, July 11, 1893,	9 P.M.	30.01	63	-	-	58	72	N. E.	1	-	Str.	1	-	-	83	-	-	Clear.			
	7 A.M.	30.11	68	-	-	62	68	N. W.	2	-	Str.	1	-	-	46	-	-	Clear.			
	2 P.M.	30.13	87	-	-	66	28	N. W.	2	-	Cum. Str.	1	-	-	-	72.25 30.09	-	Clear.			
Wednesday, July 12, 1893,	9 P.M.	30.07	67	-	-	62	73	W. S. W.	3	-	Str.	6	-	-	88	-	-	Fair.			
	7 A.M.	30.05	71	-	-	62	58	W.	3	Clr. Cum.	Str.	2	-	-	55	-	-	Fair.			

\* Slight dash of rain.

† Too small to measure.

‡ A few drops.

*Meteorological Record for Encampment of First Corps of Cadets, M. V. M., ending July 15, 1893 — Concluded.*

DATES OF OBSERVATION.	Time of Observa- tion.	Barometer.	THERM.		Corrected Barom- eter.	HYGRO.		WIND.		CLOUDS.				RAIN.			Maximum and Minimum Therm.	MEAN AV.		Remarks.
			Exposed.	Attached.		Wet Bulb Thermom't.	Relative Humidity.	Direction.	Force.	UPPER.	LOWER.	Kind.	Amount.	Kind.	Amount.	Directed moving from.		Commenced.	Ended.	
Wednesday, July 12, 1893,	2 P. M.	30.01	87	-	-	67	30	W.	3	Chr. Cum.	4	Cum. Str.	3	-	-	-	-	72.50	29.98	Fair.
	9 P. M.	29.94	66	-	-	63	83	N. W.	2	-	-	Str.	10	-	*	0.02	91	-	-	Cloudy.
Thursday, July 13, 1893, .	7 A. M.	29.79	67	-	-	66	88	W.	2	Chr. Str.	5	Str.	5	-	†	2.00 A. M.	56	-	-	Cloudy.
	2 P. M.	29.83	72	-	-	65	65	E.	4	Chr. Cum.	4	-	-	-	-	-	-	65.25	29.85	Fair.
Friday, July 14, 1893, .	9 P. M.	29.80	61	-	-	58	82	E.	3	-	-	Str.	2	-	-	-	86	-	-	Clear.
	7 A. M.	29.93	66	-	-	59	64	E. N. E.	3	Chr.	1	Str.	1	-	-	-	50	-	-	Clear.
	2 P. M.	29.98	78	-	-	63	42	E.	3	Chr. Str.	2	-	-	-	-	-	-	66.00	29.95	Clear.
	9 P. M.	29.95	60	-	-	55	72	S. W.	2	-	-	Str.	1	-	-	-	80	-	-	Clear.
Saturday, July 15, 1893, .	7 A. M.	29.96	60	-	-	61	61	S. S. W.	4	Chr. Str.	4	Str.	2	-	-	-	51	-	-	Fair.

\* 4.55 P. M. to 6.30 P. M. Several slight showers during the evening.

† Frequent sharp showers in the night.

CHARLES M. GREEN,  
First Lieutenant and Assistant Surgeon, Observer.

HEADQUARTERS SECOND BRIGADE, M. V. M.,  
BOSTON, Sept. 1, 1893.

Brig. Gen. THOMAS KITTREDGE, *Surgeon General, Massachusetts.*

SIR:—I have the honor to submit to you the following report of the medical department of the Second Brigade, M. V. M., for the encampment at South Framingham, July 16 to 22, inclusive.

I herewith forward meteorological record of this encampment. There was quite a delay in getting the instruments. Two new thermometers were furnished this year, which materially added to our supply of instruments, and yet they are not complete. It is very important that we should have an anemometer and a rain-gauge. With the addition of these two instruments a full and correct daily report could be had. In this connection I would recommend that the officers of the Signal Corps be specially instructed in the use of these instruments and in making up their daily reports.

The weather, although quite hot the first of the week, was very favorable to military work. There were no cases of sunstroke reported, notwithstanding the thermometer on Tuesday registered 93° at 9.30 A.M. and 100° at 1 o'clock P.M. The relative humidity being light, with a south-west breeze, the men were enabled to drill with less discomfort than with a lower thermometer and a more dense humidity.

The refreshing shower of Tuesday evening cooled the air and moistened the ground, so that little or no inconvenience was felt from dust or heat for the remainder of the week.

Maj. Charles W. Galloupe, surgeon of the Eighth Regiment Infantry, in his report says:—

The shower of Tuesday evening emphasized a point of which complaint has often been made. The violence of the shower prevented the soaking in of the water, and the tents of the guards and some of the musicians were quickly afloat, the water being in places nearly knee deep.

He would recommend that such hollows in the field as would serve to retain the water be brought up to grade. He also reports the cases requiring hospital residence for a longer or shorter time to be as follows:—

A case of acute hæmorrhoids; two cases of colic; one case of convulsions; and two of ivy or dogwood poisoning. No surgical cases of importance occurred.

He also says : —

The medicine chest with its new outfit is a vast improvement on previous medical stores, although some liquid articles were missed, notably hamamelis and tinct. cinchonæ comp. An allowance of two ounces of vaseline for seven hundred men for six days seems homœopathic when we consider the number of chafes and excoriations that need treatment. A number of small oiled-paper boxes should be supplied for dispensing ointments.

He says : —

I would advise, as part of the hospital equipment, a small portable earth-closet for the use of patients afflicted with diarrhœa, as at present, however ill they may be, they must travel some five hundred feet to reach the sinks; and as a further necessity, a light screen of canvas to surround the bed, as the tent is necessarily exposed to the public gaze.

He also —

Recommends that cotton or duck trousers be provided for the men, and the medical officers be authorized to wear a working suit of white duck while on hospital duty. A woollen suit begrimed with dust and perspiration does not comport well with our beautiful new aseptic instruments.

Maj. William H. Devine, surgeon Ninth Regiment Infantry, M. V. M., says in his report : —

It is almost needless to say the camp was well policed; the cook-houses, stables, etc., approached near perfection as regards cleanliness.

The caterer's tent, including ice-chest and food supply, was carefully inspected every day, and several times the medical officers were called to examine bad food which had been placed on the table.

There were but few minor ailments, such as diarrhœa, indigestion, etc., and it seems to me there is a very noticable decrease in this respect every year. This is partly due to the pure water supply, the more regular inspection of food by medical officers and the fact that the enlisted man is getting to better understand how to care for himself while at camp.

On Tuesday a private of Company D was taken sick with slight attack of hæmoptysis. He was immediately placed in regimental hospital and sent home next day by my recommendation.

The new operating case was received; it will prove useful if the militia should be called into active service. Although rather cumbersome to carry on ordinary occasions, it is well to accustom one to what he should need on special occasions.

A few important articles were overlooked in fitting up the medicine chest, such as iodoform or some substitute. A supply of bottles for liniments, with appropriate labels, should accompany the medical supply.

When liniment tablets are dissolved in a cup or other vessel and left standing around the soldiers' tent they might become an element of danger.

Maj. Charles C. Foster, surgeon Fifth Regiment Infantry, says in his report :—

The weather, except on Tuesday, was perfect, the health of the command excellent, and the week an uneventful one; no cases of severe illness or accidents occurred.

He also says :—

I recommended the discharge of four men, on account of varicose veins, ingrowing toe-nail, hydrocele and asthma.

This year being a dry one, the need of a sewer was less felt than usual, but it exists, as well as the need of bins for wood and coal, and new swill barrels.

The new medicine chests, orderly pouches and operating cases are much better than anything we have ever had before, and seem ample for our present needs.

In the field we should need some simple apparatus for baking dressings, and boiling wash water and instruments over an open fire.

He suggests for this :—

A tin Yankee baker and a tin pail with trays fitting into it would be all that would be necessary.

In accordance with Special Order No. 38, A. G. O., Maj. John F. Harvey, surgeon First Battalion Light Artillery, reported to Captain Follett, commanding Battery A, July 17, 1893. He says in his report :—

The battery, instead of marching over the highway, as in former years, went to South Framingham by cars. No accident of any kind occurred during the loading of the guns and horses. The men arrived in camp with good health. No sickness of any account occurred during the week and but one accident, that being of minor importance.

Up to date no report has been received by me from the medical officers of the First Battalion Cavalry.

I am, sir, your obedient servant,

FREEMAN C. HERSEY,  
*Medical Director, Second Brigade, M. V. M.*

*Meteorological Record for Encampment of Second Brigade, M. V. M., ending July 22, 1893.*

DATES OF OBSERVATION.	Time of Observation.	Barometer.	THERMOMETER.		Corrected Barom.	HYGROMETER.		WIND.	
			Exposed.	Attached.		Wet Bulb Thermom'r.	Relative Humidity.	Direction.	Force.
Tuesday, July 18, 1893,	2.45 P.M.	29.72	91°	92°	29.70	85°	92	S. W.	4
	6.30 P.M.	29.80	78°	77°	29.79	74°	78	S. E.	3
Wednesday, July 19, 1893,	6.30 A.M.	29.90	74°	73°	29.89	69°	73	N. E.	2
	1.15 P.M.	29.86	90°	88°	29.86	79°	85	N. W.	3
Thursday, July 20, 1893,	6.30 P.M.	29.90	78°	76°	29.89	70°	77	S. W.	2
	6.30 A.M.	30.08	70°	68°	30.07	61°	64	S. W.	1
	1.15 P.M.	30.04	89°	82°	30.02	80°	80	S. W.	3
Friday, July 21, 1893,	6.30 P.M.	30.02	74°	73°	30.01	65°	78	S. W.	2
	6.30 A.M.	29.94	68°	67°	29.92	60°	70	S. W.	3
	1.15 P.M.	29.80	87°	86°	29.79	78°	88	S. W.	5
	6.30 P.M.	29.80	70°	68°	29.79	61°	79	S. W.	3
Saturday, July 22, 1893,	6.30 A.M.	29.90	71°	70°	29.89	62°	76	S. W.	2
	1.15 P.M.	29.89	80°	78°	29.88	71°	79	S. W.	3

*Meteorological Record for Encampment of Second Brigade, M. V. M., ending July 22, 1893 — Concluded.*

DATES OF OBSERVATION.	CLOUDS.				RAIN.			Maximum and Minimum Therm.	MEAN AV.		Remarks.
	UPPER.		LOWER.		Commenced.	Ended.	Amount of, in inches.		Thermom <sup>r</sup> .	Barometer.	
	Kind.	Amount.	Kind.	Amount.							
Tuesday, July 18, 1893, .	Very light.	Varying.	Dark.	Increase.	6.30 P.M.	7.30 P.M.	-	100°	-	-	Smart shower with heavy thunder and sharp lightning from 6 P.M. until 7.30 P.M. Have no rain gauge; therefore unable to get amount in inches.
Wednesday, July 19, 1893,	Light flurry.	Varying.	Light.	Very few.	-	-	-	91°	-	-	Clear and fine weather.
Thursday, July 20, 1893, .	Light gray.	Station- ary.	Varying.	Rather more.	-	-	-	72°	84°	29.87	Clear and a beautiful day.
Friday, July 21, 1893, .	Very light.	Hardly any sun.	Light.	Few.	-	-	-	70°	81°	30.05	Clear and good air.
Saturday, July 22, 1893, .	Gray.	More sun.	Mixed.	Plenti- ful.	-	-	-	87°	-	-	Clear and good air.
					-	-	-	70°	79°	29.87	Fair.
					-	-	-	80°	-	-	
					-	-	-	-	80°	-	

HEADQUARTERS, SECOND CORPS CADETS, M. V. M.,  
SALEM, MASS., Aug. 14, 1893

Brig. Gen. THOMAS KITTREDGE, *Surgeon General, Massachusetts.*

I have the honor to submit the following report of the medical department during camp at Essex August 7 to 12, inclusive.

A camping party had on the 6th pitched the larger portion of the tents, so that on our arrival Monday morning only the hospital tent and a few others were left to get in position. As the weather looked threatening, these were pitched and bedding and other hospital furniture were got under cover in readiness for use if needed. We had rain on Monday, but the rest of the week was clear, and on Thursday we experienced one of the hottest days of summer.

The health of camp was unusually good, and although very hot no cases of heat-stroke resulted. Camp this year was remarkably free from gastric and diarrhœal disturbances. Only one case is deserving of mention in this report and that was a case of lacerated wound of the back of the neck, caused by the accidental discharge of a rifle loaded with blank cartridge, occurring during skirmish drill. Considerable powder was blown into the tissues. Recovery was prompt and no ill effects resulted.

The water supply in camp this year was much better than in former years, owing to the well near the cook-house being driven much deeper.

Policing of camp was uniformly good, the grounds being kept in excellent condition except in the vicinity of the cook-house, where there could have been an improvement. The condition of the sinks this year was an improvement over former years.

In closing I wish to thank all who in various ways assisted the officers of the medical department in the discharge of their duties.

Very respectfully, your obedient servant,

BENJ. R. SYMONDS,  
*Surgeon, Second Corps Cadets, M. V. M.*

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HEADQUARTERS FIRST CORPS CADETS, M. V. M.,  
BOSTON, Aug. 12, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General of Massachusetts.*

GENERAL : — I have the honor to report that, in accordance with Special Order No. 93, I visited Essex August 9 and inspected the

sanitary condition of the camp of the Second Corps of Cadets and the medical department of that command.

The general sanitary condition of the camp was good, and the medical department was as carefully looked after by the medical officers as was possible, considering the fact that the Corps have the use of the grounds only during the camp week and are therefore unable to make such preparations for a camp as would be possible if the grounds were the property either of the State or the Corps.

I am, very respectfully, your obedient servant,

WILLIAM L. RICHARDSON,  
*Surgeon, First Corps Cadets, M. V. M.*

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HEADQUARTERS NAVAL BRIGADE, M. V. M.,  
SOUTH ARMORY, BOSTON, July 31, 1893.

Brig. Gen. THOMAS KITTREDGE, *Surgeon General, Massachusetts.*

SIR: — I have the honor to submit the following medical report upon the tour of duty recently performed by the Naval Brigade, M. V. M.

Though ordered for duty for only one day, five days were practically given to this tour, the medical surveillance extending, however, over only four full days, viz., from 12 m., Tuesday, July 18, to 12 m., Saturday, July 22.

The practice here pursued being something unique in the training of volunteer militia, I will, with your permission, make the report cover the days of actual service.

In accordance with General Order No. 16, Headquarters Naval Brigade, July 15, the Brigade assembled at the South Armory, Irvington Street, Boston, at 12 m. on Tuesday, July 18, and at 1.30 P.M. took up the line of march for the Charlestown Navy Yard. The men wore the full dress uniform, carried packed knapsack, blankets, peacoat and haversack containing tin plate, knife, fork and spoon, but no arms or belts.

Owing to limited accommodations there finally embarked on the U. S. S. "San Francisco," Capt. J. C. Soley, eleven officers and one hundred and fifty-three men and petty officers, and upon the U. S. S. "Miantonomoh," seven officers and fifty-three petty officers and men, making a total of nineteen officers and two hundred and six petty officers and men.

I had the pleasure of serving on board the "San Francisco"

while Lieutenant (Junior Grade) G. W. Allen, assistant surgeon First Battalion, served in his capacity on board the "Miantonomoh." Each of us was provided with an "orderly pouch" and medicine chest, both of the State pattern.

The militiamen were expected in every case to perform the ship's duties except in the engineer's department.

The ship's officers and only a few of the regular crew remained on board as instructors.

Immediately on embarking the ships put to sea, steaming at a slow rate of speed straight out during the night and returning over practically the same course during the day. This manœuvre was repeated daily. The "Miantonomoh," however, was at anchor during Friday night.

The weather was all that could be desired, a smooth sea, a warm sun and a cool breeze making a perfect combination. Showers on Tuesday evening interfered somewhat with the drills.

While it has been repeatedly and conclusively demonstrated that a sailor can live and do his work well on the sea ration allowed him by the government, it is but seldom nowadays that he is compelled to subsist long on such diet exclusively.

By a system of commutation, money is paid the various vessels instead of rations given them, and by each of the mess further contributing a sum from his pay, a cook, one of the men, is hired and "soft" food bought when in port. But few men of the brigade understood this, and those who brought anything only brought a few canned goods; hence for most of the time they were served the Navy ration only, such extras as the few regular crew had along, and willingly shared, being speedily eaten up. Many of the regular mess cooks also having been left behind, the men of the brigade suffered somewhat from poor cooking.

The rations were the best of their kind, and in order to insure enough one extra ration to every four men was served out on the second day and thereafter.

The water was of the best quality, being distilled sea water, tested each day for impurities, excess of chlorides, and when such excess, beyond a trace, was found the tank was emptied and a fresh lot run in.

The men slept in hammocks without mattresses, pillows or sheets, having only their own blankets.

The washing accommodations were ample, the morning wash on deck in such weather being a luxury.

The latrines were ample and were kept in good order.

The sick-bay on the "San Francisco" was large and airy, the sick in hospital being accommodated in hammocks, swinging cots

or mattresses on deck. Fortunately no one of the brigade was sick enough to use the hospital beds.

I made each morning a separate report of the sick and excused from duty in the brigade to Captain Soley, which was forwarded to Captain Watson of the "San Francisco," it passing also through the hands of the ship's surgeon. The officer of the deck also had a list of the "excused from duty," the men so excused and not sick enough to be in hospital being designated by a number on the left arm.

Sick call was at 8.30 A.M. At any other time the man reported at the sick-bay and a messenger was sent for the surgeon.

I respectfully recommend that the medicine chests be fitted with a shallow tray of hard rubber or marbled iron to fit in the lower drawer of the chest. The articles in the drawer would go into the tray, and the tray itself is needed to hold instruments in case of an operation, there being nothing of the kind at hand now.

I acknowledge the receipt by mail of two pocket cases of instruments.

I have, according to your instructions, returned the three medicine cases to Melvin & Badger.

I transmit herewith the report of Lieutenant (Junior Grade) G. W. Allen, assistant surgeon First Battalion, who was on the "Miantonomoh."

From a medical stand-point the men of the brigade stood the strain of the hard work that they were called upon to do exceedingly well. The attendance at sick call, as is shown in the consolidated sick report, was small and entirely for minor complaints, though several weaklings dropped out and had to be excused. The health of the sixty officers and men on the "Miantonomoh" was practically perfect.

I have the honor to be, very respectfully,

Your obedient servant,

H. M. CUTTS,

*Lieutenant and Surgeon, Naval Brigade, M. V. M.*

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JAMAICA PLAIN, July 28, 1893.

Brig. Gen. THOMAS KITTREDGE, *Surgeon General, M. V. M.*

SIR:—I believe it has been customary for me to write a report to you after the camp each year since I have had the pleasure of being connected with the First Battalion of Cavalry, M. V. M.

I report to the Adjutant General all casualties and fatalities in

case of any claim being made against the State, but I believe I have also reported to you in a general way on the health of the animals and improvements that might be made. The new instrument case I like very well, but think it would be an addition if it contained a trocar and canula, such as is used for puncturing the horse's colon in case of flatulent colic. Another addition to the supply of instruments that suggests itself to me is two catheters, a male and female; there might be occasions when they would be very useful. There may be other improvements that Dr. Osgood may think of in his report, but I do not happen to think of anything else in the instrument line just now.

It would be a great convenience to have a medicine chest at our headquarters, with perhaps fewer and larger bottles than there are in the new medical chests, as with the supply up at Framingham it is impossible for one to know what is missing or what is wanted before he goes there.

Two improvements suggested in my report to you last year still remain to be made; they are the ventilation in the peak of the stables, to run the whole length, and better watering facilities at the regimental staff stables.

As to the health of the horses during the camp, there were the usual sore backs and colic cases, but no instances of being overcome by heat this year. In addition to the usual work, however, there were a number of cases of influenza among the battery horses, they having been green ones hired at a Boston sale stable. One of them had pleurisy and pneumonia and died Sunday night at the camp grounds, she having been too sick to remove Saturday morning. Another horse acted as though he were just coming down with pneumonia the morning that camp was broken. Another was taken with purpura hæmorrhagia about the middle of the week, he evidently being just over an attack of strangles when the purpura appeared. With all this sickness among the battery horses, it seems to me that it might be a good plan to disinfect the stables in some way before another camp is held there. A coat of whitewash would very likely be sufficient, considering how long it will be before the stables are used again.

I noticed after the shower of the 18th that the water poured into the battery stable nearest the cavalry stables, and that a ditch had to be shovelled through the front of a stall on the west side before the water ran off, leaving the stable damp for some time afterward.

I have also to renew the criticism that I have made each year upon feeding the horses. Each stable should have a supply of bran, and there should be less oats and more bran fed. If each horse had a bran mash or two early in the week I believe it would

lessen the danger from colic. There are two or three cases of this every camp.

I have spoken of the matter of better saddle cloths for the cavalry horses in my report to the Adjutant General. If the cloths were larger, thicker and of better quality, I believe there would be less trouble from sore backs than there is at present.

These are the chief matters of interest that I happen to think of just now in connection with my work at the encampment of the Second Brigade, M. V. M., at Framingham, for 1893.

I am, sir, very respectfully, your obedient servant,

AUSTIN PETERS,

*First Lieutenant and Veterinary Surgeon,  
First Battalion of Cavalry, M. V. M.*

REPORT OF THE JUDGE ADVOCATE GENERAL.

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JUDGE ADVOCATE GENERAL'S OFFICE,  
BOSTON, Dec. 30, 1893.

Major General DALTON, *Adjutant General*.

GENERAL : — I have the honor respectfully to submit my report for the year now closing.

No cases from regimental courts-martial have been submitted to me during the year.

I have been called upon to review and pass upon the proceedings and report upon the findings in one case of general court-martial and one court of inquiry ; to give hearings, by order of the Commander-in-Chief, under the statute, in two cases, and to submit opinions in six cases.

The reports, recommendations, decisions and opinions in these cases have already been submitted.

Very respectfully,

FRANCIS PEABODY, JR.,  
*Brigadier General and Judge Advocate General.*

## BOARD OF MILITARY EXAMINERS.

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STATE HOUSE, BOSTON, Dec. 30, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General of Massachusetts.*

GENERAL:—I have the honor to submit the following report of the transactions of the Board of Military Examiners for the year ending Dec. 30, 1893.

The Board has held fourteen meetings during the year. The total number of examinations was one hundred and twenty-four. Of these, one hundred and fifteen were approved by the Board upon the first examination, two were conditionally passed to reappear, and upon subsequent examination were approved. One was conditionally passed at the last meeting, to appear again before the Board in February. Six were rejected. Forty-three of the entire number were officers who had previously appeared before the Board for examination for a lower grade.

Respectfully, your obedient servant,

BENJ. F. PEACH, JR.,  
*Brigadier General, President of Board.*

## REPORT OF THE INSPECTOR GENERAL OF RIFLE PRACTICE.

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COMMONWEALTH OF MASSACHUSETTS,  
OFFICE OF INSPECTOR GENERAL OF RIFLE PRACTICE,  
BOSTON, November 30, 1893.

Maj. Gen. SAMUEL DALTON,  
*Adjutant General, Commonwealth of Massachusetts.*

SIR: — I have the honor to submit report for the current target year.

### ORDERS.

The work of the rifle department was outlined in General Order No. 3, issued February 1, 1893, supplemented with Circular No. 1, bearing on rifle work, and General Order No. 13, bearing on the general State and Distinguished Marksman competitions.

### THE DEPARTMENT.

On the rifle department rests the responsibility of the efficiency of the militia in marksmanship. The mere possession of fire-arms does not make troops who can be *relied on* to maintain law and order. However well appointed a volunteer force may be, without fire discipline, they fall short of the duties which become a militia. Organization, equipment, drill, all aim at the one result of making the soldier as efficient as possible. Unless men understand the first principles of shooting, and are grounded by practice in the intelligent use of their weapon of defence and offence, they have no place in the service. Ignorance and carelessness, always reprehensible, become culpable if permitted in the use of fire-arms. The department has sought progressive efficiency. The strength of the force, rather than the prominence of individuals, has dictated the nature of the work undertaken.

### ELEMENTARY WORK.

Thorough instruction in aiming drill, simple explanation of the theory of rifle fire, and more general armory practice, with reduced charge, wherever practicable, have been recommended.

**AMMUNITION.**

The issue, upon requisition, of five hundred rounds of Frankfort ammunition to every headquarters, company and troop, with a further money allowance, made ample provision if judiciously expended, to qualify every officer and man in the service.

**QUALIFICATIONS.**

Qualifications were the same as in 1892 (G. O. No. 3) :—

**Third Class :**

2 scores of 15 out of a possible 25, at 200 yards.

**Second Class :**

2 scores of 18 out of a possible 25, at 200 yards.

**First Class :**

2 scores of 21 out of a possible 25, at 200 yards.

2 scores of 21 out of a possible 25, at 500 yards.

**Sharpshooter Class :**

2 scores of 22 out of a possible 25, at 200 yards.

2 scores of 24 out of a possible 25, at 500 yards.

2 scores of 23 out of a possible 25, at 600 yards.

**Distinguished Marksman Class :****Sharpshooters of record —**

- (1) Who have represented the State at Creedmoor, or
- (2) Who may be mentioned in orders as the First Twelve, or
- (3) Who have won an individual trophy at the State match.

Second-class marksmen armed with the carbine may use the rifle when practicable for ranges beyond 200 yards; one point will be allowed on each score for qualification made with the carbine at 500 yards and 600 yards.

Position at 200 yards, standing; at the longer ranges, any position.

**SYSTEM.**

Thoroughness must be systematic, and the importance of thoroughness has necessitated a system.

(A) Company work was encouraged, with individual practice expected of every man. The seven best shots, based upon actual work done, were to be selected to form a team to represent the company in a regimental competition.

(B) Then the twelve best marksmen developed there, as provided in General Orders, represented their regiment in the State general competition, at 200 yards and 500 yards.

(C) While the twelve highest competitors in this match are mentioned in General Orders as the "State Team."

(D) A sharpshooter who subsequently wins an individual

prize in the State general competition, or a place on the State team, or a team duly sanctioned to represent the State (as at Creedmoor), becomes a Distinguished Marksman.

The Distinguished Marksmen compete by themselves.

#### SUMMARY.

The work of the individual was stimulated by the incentive of a place on the company team. This recognized exceptionally good work by a place for, say, one in nine competitors.

The greater proficiency desirable found field for recognition in the regimental match. The best shooting company, as a company, won the regimental trophy, and the twelve highest shots (with such others as the Inspector of Rifle Practice might designate, under conditions prescribed) constituted the regimental team. Places were therefore made for, say, one in seven contestants.

Finally, the State general competition rewarded the best regimental team, as such, with the tri-color, intrinsically the least valuable, but properly the most coveted honor, while the twelve highest officers or men became the State team. The last test placed, say, one of every eight who entered in the most distinguished group of marksmen of the current target year.

The conscientious recruit, or painstaking soldier, whose faithful rifle work had carried him into the highest (sharpshooter) class, at known-distance individual fire, had the goal of Distinguished Marksman to win in honorable competition. The competition of this Distinguished Marksman class gave the field for real proficiency with the rifle, as it recognized estimating distances, without which marksmanship is still in the elementary, rifle-gallery age.

Particular stress is laid on the development of marksmanship that began with individual work, through the critical test of excitement in competition, up to the work of the individual again, where his ripened competence challenged comparison with the Distinguished Marksmen of the whole force. Good work in the successive stages found the honorable recompense in this practical survival of the fittest.

#### THE METHOD.

The rifle work of the current target year, outlined in a General Order, left much to the military instinct of every officer commanding men.

#### INSPECTORS OF RIFLE PRACTICE.

The establishment provides for an Inspector General of Rifle Practice, with a major as Assistant Inspector General of Rifle Practice in each brigade, and an inspector of rifle practice ranking as lieutenant for each regiment, corps, the Naval Brigade and

Cavalry Battalion. The department to whom is entrusted this most essential duty of the soldier of to-day comprises thirteen officers. The vacancy in the Second Brigade has thrown increased responsibility for the work therein on the Inspector General of Rifle Practice.

Provision is made for visits to companies, and there has been hearty accord in the department and in general and earnest effort to discharge with fidelity the responsibility of commission.

At the close of a year of trying work, the Inspector General desires to convey to higher authority his appreciation of the devoted interest of the officers of the department, and his hearty commendation of their effort to further the welfare of the service.

#### THE DUTY OF INSPECTORS.

With the singular apathy of many officers, much depends on the magnetism and ability of the rifle inspectors. On them the standard of excellence in the organization hinges, together with such preparation as will bring efficiency to the command with whom they have the honor to serve. During the close season there must be watchful care to see that recruits are given preliminary instruction, and the indifferent element in any company aroused to the necessity of improvement. This calls for thought, time and tact. During the season of field work the inspectors must transmit their personality and methods of success to men who, although good enough material, require intelligent coaching. This calls for patience, perseverance, self-sacrifice and many hours of drudgery.

I have the honor to suggest whether the inspectors of rifle practice have not earned the rank of captain. It becomes an embarrassment for a lieutenant to criticise the lax methods found in some companies. If the inspector of rifle practice lives abreast of his duty, he fully deserves the higher rank. The staff work of an inspector of rifle practice is largely independent, and, in my judgment, of such a character as to warrant recognition with the rank of captain.

#### OF THE STUMBLING BLOCK TO EFFICIENCY.

##### (1) *In the Man.*

(a) The importance of shooting is not impressed on the recruits. This is a fatal oversight.

(b) It is overlooked in an old soldier, who may help a parade captain by knitting a company together, but who would be utterly useless in time of action.

This tacitly endorses incompetence.

(c) It is no bar to re-enlistment; a man may win a long-service medal from a grateful State, yet never have been in reality an efficient soldier.

This carries its own criticism on the administration.

(2) *In the Company Officers.*

(a) Too often officers make light of the need of aiming drill, and quite ignore shooting.

This is suggestive.

(b) Many a good officer may be a poor shot, but all should realize how worthless a company of men who cannot shoot would be for service.

The realization of this personal shortcoming has brought about most gratifying results where the officer is alive to his duty.

(c) If drill was faultless, discipline perfect, buttons and brasses bright, equipment and uniform smart, there would be solace for the shirking of practice which would bring such a company to commendable standing as soon as attention was directed to a serious shortcoming. The fine appearance of a company is sadly hollow if wholly superficial.

Comment is needless.

(d) Generally the poor shooting companies are the poor every-thing companies; and the neglect of the most important duty of a commander of men armed with rifles is apt to indicate a like neglect of other duties.

And it usually proves this to the very letter.

(e) If officers only attempt to give their command a veneer where they are conspicuous, they cannot expect to be obeyed when their men get out of their immediate supervision. Thoroughness is best for all concerned — the State, the command — and, in the end, is the simplest and easiest for the company commander.

Until officers realize that poor marksmanship *directly reflects* on their standing as officers, some companies will fail to take the stand the men are capable of attaining.

QUALIFICATIONS.

The qualifications for marksmanship compare favorably with other States, and in the highest grades are proof of greater excellence. The lowest qualification (two 15's out of two possible 25's at 200 yards) is within the capacity of any one fit to draw the State pay as a *soldier*.

The gravity of the existing condition is referred to elsewhere in this report.

### REVOLVER WORK.

Early in the year a board was appointed to fully test the several military revolvers and recommend the one best adapted to the service, with such qualifications as they deemed proper for the work of the first year. The new army .38 caliber Colt revolver was authorized.

Two scores of 20 out of a possible 30 (six-shot strings), either at 50 yards on the 200-yard rifle target, or at 30 yards on the 100-yard rifle target, qualified as proficient.

In firing, every chamber of the revolver to be charged, and the six shots discharged before the competitor left the firing point, and within one minute. The full-charge service ammunition — viz., powder charge, 18 grains; weight of bullet, 150 grains — to be used. Trigger pull of not less than six pounds.

The conditions noted in Paragraph III., General Orders No. 3, C. S., governed scores for action.

It would seem to me prudent to arrange for issue of revolvers to officers as rifles are issued the enlisted men. If the expense be too appalling, their issue at a reduced price might be practicable.

The qualifications will require revision, being too easy. The pull will be made lighter, being too heavy. Four pounds would be much preferable.

### OF COMPETITIONS.

The principal object of these contests is, by comparison of results, to impress upon all officers the necessity of thorough individual instruction in the organization under their command, the sole means by which our present proficiency in the use of the rifle has been reached.

In some companies work has been carried out with a snap, as shown in the regimental match. The wretched showing of other companies is only too true an index of a disobedience of orders and lack of proper company pride.

### OF THE COMPETITIONS OF 1893.

Every preparation that forethought could cover and every lesson that experience had taught were given to insure the smooth running and absolute fairness in the State competitions.

The department has its full reward in the hearty approval of its devoted efforts and the unanimity of the favorable comments on the success of these contests.

The matches were shot over the Massachusetts Rifle Association range at Walnut Hill, an excellent ground, but difficult of access.

There were due arrangements made for those competitors in the Distinguished Marksman match who wished to spend the night following the State general competition on the range.

Fair weather conditions prevailed. The light was trying at times, and the wind tricky, as proverbial.

#### THE TARGET.

I thought fit to introduce a modification in the target used. Under the old scoring, a shot just out of the bull's-eye counted no more than a far-away inner well on to the magpie ring. This signally failed to accurately record the excellence or comparative wildness of many shots.

In known-distance firing the closeness of the shooting should find recognition. Therefore, an additional ring was laid off on the State competition target, splitting the former 4 ring. While leaving the bull's-eye to count 5, this gave a 4 within the reconstructed nearer circle, with a 3 for the remoter 4's under the old count, the 3 ring scoring 2, the fringe of the target counting 1.

In any estimate made for comparison of the scores in these competitions it must be borne in mind that under the ancient *régime* many more points would have been made. What was earned emphasized accuracy and gave the credit for the most skilful shooting where it belonged.

It speaks well for the good sense, and honest desire for fair play, in the keenest marksmen of the militia, that this rigid method of determining their real standing as shots, found ready acceptance and won universal commendation. The endorsement of general consent, in such an innovation, carries its own argument, for the confirmation and establishment of this new standard in future competitions.

#### RANGES.

If there be reason for a company in any city or town, common sense prompts an effective body of troops. There must be proper range facilities to insure this. The neglect of many corporations to comply with the statute, and provide such necessary ground for field practice, is as short-sighted as it is unaccountable. The efforts to overcome these obstacles of a misguided economy have passed the danger line in many instances. Firing has been done in a happy-go-lucky way, attended with a carelessness that fortunately has not yet involved loss of life.

#### STATE RANGES.

In my judgment the State range can be made practically safe for fire at 200 yards under discreet supervision. The rapid build-

ing up of the town of South Framingham has narrowed the danger line about this range. What was prudent, only a few years ago can be secured now only by cutting down the hill back of the targets. A well-devised system of terraces would give a range that should be free from objection, and might be used without much risk, if any.

#### OF PRECAUTION.

The military rifle is no toy, but a very real weapon. Men must have experience to handle and shoot it properly. Practice is essential.

Safe ranges should be provided, because accidents, deplorable always, inevitably prejudice the community. The very danger emphasizes the sad lesson of the destructiveness of the rifle. To minimize the fearful results of inexperienced men, ordered on duty, radical means must be taken to prepare them with a proper knowledge of the rifle—how to use it effectively, and how to avoid accidents, which would be culpably *criminal*, as they can be guarded against.

#### FIELD WORK.

It is to be hoped the present custom of field work can be continued. The alternative is, having companies, as companies, ordered out for training and practice fire. This is sure to find some men unable to be present, and there is less chance to spend time on recruits in the desire to qualify as many men as possible.

#### SCORES.

I have confidence enough in the rank and file to believe scores turned in are so generally correct as to be reliable. Yet there must be some one responsible for the men on any range. All firing should be done with an officer or competent non-commissioned officer present, not alone to instruct recruits, but to see that all rifles are prudently handled. This course will go far to keep men better in hand for action, as it grounds them in fire discipline.

#### RIFLE SERGEANT.

I have the honor to suggest that with the recognition of the proficiency with the rifle, and the desirability of having some official on the range when firing is done for record, (1) to coach the beginner; (2) to correct the faulty position of the non-marksmen; and further (3) to certify scores and supervise firing to prevent accident; as well as to assist in preparation of reports, that there be added to the non-commissioned staff a rifle sergeant competent to assist the rifle inspector.

There are many capable enlisted men, who can arrange to spend a day or two during the target season in this very important work. The progress secured I believe would fully justify the allowance of the State pay.

#### PROGRESSIVE WORK.

While firing over well-appointed ranges at known distances makes a man familiar with what his rifle can do under such pacific conditions, attention has been directed to the importance of judging distances, to round out our marksmanship, and develop a skill worth something in the field in actual hostilities. Unless the range be at least approximately known, firing is merely a waste of ammunition and scoring becomes purely a fluke.

#### DISTINGUISHED MARKSMEN COMPETITION.

The new target (described at length earlier in this report) was used at 200 yards, and the known-distance fire (200 yards, 500 yards, 600 yards) was followed by estimating distance while skirmishing.

The vital necessity of knowing the correct range to intelligently direct fire, first found recognition in the rifle department of this State. The work has been brought along progressively, in 1891 being wholly over relatively level ground, with gentle undulations, — the camp ground at South Framingham. There the competitors were advanced, and at seven halts estimated the distance between them and a detachment about as large in numbers, who were in turn halted during the marking by each competitor of the estimated distance that intervened. The detachments were handled as skirmishers, and distances were estimated standing, kneeling and lying down. Scorers accompanied the contestants and took the score-cards when the competitor had noted his estimate. These cards, after due certification, were turned over to the chief statistical officer, and he reported the results as found.

In 1892 the same general features were followed out, with the introduction of judging distance to a vedette, and also to one point at a slight elevation, out of the camp limits. In 1893, when the value of this faculty in judging distances had been conceded, and the best shots had been advanced through what I consider the first two stages in proficiency, the work became practical.

The first halt was from a wooded lane, and the distance was judged across a field to a stone wall, on ground slightly rising the point of elevation.

The second halt was practically across a level meadow to a tree that would have been likely occupied by an advanced scout in action.

The third halt was on the road, up rising ground to an improvised entrenchment of railroad ties.

The fourth halt was at the junction of four roads, and the constructive opposing force was behind a stone wall. This estimate was based upon the smoke caused by the firing of blank cartridges by the detachment behind the wall, as was the case at first halt.

At the fifth halt the objective detachment advanced from the wall, over a field, and concealed themselves in skirmish line, lying down behind a fold of the ground. They were exceedingly well handled by Lieutenant Clarke, and while visible for the purposes of judging the distance, most excellent use was made of the natural cover. This gave an excellent object lesson.

The fourth, fifth and sixth halts were made about the same cross-roads, and the sixth distance was judged down a well-wooded and long road which finally dipped;—the appearance of a detachment of artillery coming into action was feigned.

The seventh and last halt was made coming down a slight elevation, across meadows, water and farmhouses, to where two roads met, and where the constructive enemy opened a vigorous fire.

I have the honor to call your attention to precisely what this work was: judging the distance to open fire with accuracy upon the vantage point an enemy would seek to occupy. It was much more difficult than the two previous years, it was just the experience every captain should have, because a reasonable familiarity of judging distances is distinctly laid down as the duty of the company officers, "Drill Regulations," pars. 91, 92.

The results are worth close analysis. Many competitors scored a hit at every halt. Many went hopelessly to pieces. These competitors are the very best shots in our force; many of them have been years in the service, and are of national standing at known distances.

The scoring established for this distance stage of the competition, took into account the tendency to overestimate a distance, and the uselessness of a shot over the target.

In picking up an unknown range, a shot too low is a much better guide, because if well planted the dirt thrown locates the impact of bullet. As Distinguished Marksmen are real living range-finders, I have sought to develop this knack systematically, and therefore gave three times as much credit for a distance underestimated as to a distance judged beyond the object designated.

The Distinguished Marksman competition was finished in less than five hours' time, and there were no casualties.

## TROPHIES AND MEDALS.

The State has recognized qualifications by appropriate medals, with individual prizes in the several classes of marksmanship and trophies for the winning company team. The tri-color is borne by the regiment whose team makes the highest aggregate score at the State general competition.

## RECORDS.

Appended to this report will be found (a) list of marksmen, which states their record of highest qualification while in the State service, with range work the current year; (b) qualifications made with the revolver; (c) tables showing the present standing of the several organizations; and (d) of the companies in such organizations, with their comparative excellence in marksmanship, and (e) record of the various competitions.

## OBSERVATIONS.

The department is face to face with the imperative need of increased efficiency, greater thoroughness and more intelligent mastery of the first principles of marksmanship. The wretched showing in some regimental competitions of company teams chosen under Par. IX. of G. O. No. 3 sounds an alarm.

When the poor companies in several regiments outshoot the best companies in other regiments, the time has come for taking stock of our system. That under that system excellent results have been secured in many commands, while others are disgracefully deficient, *places responsibility beyond the department.*

As long as efficiency and inefficiency are rewarded alike, there is direct discouragement to the conscientious volunteer, and direct encouragement to slipshod unsoldierly failure to discharge a bounden duty.

I protest against the longer continuance of this injustice to the *morale* of the militia. In the present state of shooting some companies have no ground for longer continuance in service as troops.

The annual appropriation is no sop to the superficial military spirit in this Commonwealth. What is intended is the creation of a body of thoughtful citizen-soldiers, who realize first their responsibility of citizenship, and from a sense of duty, are ready to fit themselves to be competent to maintain justice and order, to suppress lawless violence, and insure public safety within the State.

The surest way to return the recruit well seasoned into a better citizen is a high standard of discipline. It becomes essential to build a *force* upon the solid foundation of efficiency. At present,

if certain companies were called out for actual service, they would be worthless for the sole cause of their existence and a positive source of danger.

It is true that without practice no man is fit to be trusted with a rifle. Much, however, can be done in the armory, and the neglect of this preliminary work, within reach of every company commander, is an outrage on the cloth. It is also true that there is need of range practice, and work in the field, where the service charge can be fired, and the first principles, learned by aiming drill, perfected.

The proper way to fire and minimize the effects of the recoil must be mastered by practice to make useful soldiers out of volunteers. It is true that this takes time, and that some commands do labor under serious drawbacks from the want of convenient ranges. It is also true that under these very adverse circumstances many companies faithfully practise and show admirable results. It is clear that the time has come when the lines must be relaxed or drawn firmly. Either rifle practice must be abandoned, and the militia sink into such grave disrepute, as will justify its decided reduction to the strength required for street parades and civic shows, or enlistment must carry with it subsequent duties and due attention to what constitutes a *force*.

The appropriation for ammunition provides the equivalent of some 3,500 rounds a company; this means fifty shots for each officer and man. It is enough to simply qualify every one entitled to State pay as a soldier.

The law now provides for suitable range facilities wherever companies are in service. The city of Boston responded generously for their contingent of the militia, and the results carry their own conclusions. Unless a recruit can spare time to go to the range once a year, the *personal expenditure of a half day*, he has no place in the ranks of the militia. Do not call him by the honorable title of volunteer.

#### STATE PAY.

I am convinced that the conscientious volunteer, who perfects himself for duty, deserves every recognition by the State he cheerfully serves. If it were practicable to compensate efficiency by an allowance beyond the present pay, such would win my hearty endorsement. I must repeat again officially that in my best judgment it does not seem that flagrant inefficiency should receive a like return, or that this course will tend to build the force up on the solid foundation of real strength, with *esprit de corps*, so desirable in the volunteer system.

## RECOMMENDATIONS.

In view of the gravity of the situation, to stimulate improvement, and yet to give ample time for delinquent commands to work up to the requisite standard, I have the honor to recommend that every company with less than thirty marksmen on the rolls October 31, 1894, be disbanded, as having failed to warrant longer existence in the active militia, who draw State pay.

I have the honor to recommend further for your consideration (1) that such action be taken as may compel cities and towns to furnish the range facilities provided by statute, which has become imperative with some local authorities; (2) as the appropriation of the State funds for the maintenance of a militia is presumably to secure a force capable of efficient work if called into service, that the expenditure of such appropriation be made to better secure the efficiency desired.

In furtherance of this recommendation, I have the honor to suggest that where range facilities exist, to save the needless expense on men utterly worthless for service (as more liable to do harm to the innocent than effectively maintain law and order on an emergency), (a) no company be ordered to camp in 1894 which does not have at least 50 per cent. of its enrolled strength marksmen; (b) that no man should be enlisted (the exceptions but proving the rule) who cannot shoot; (c) that the allowance of pay, at the present rate of \$2 per diem, for 1894 be expended —

1. On marksmen of record, \$2 per diem.
2. On men who have shot, but failed to qualify, \$1.50 per diem.
3. On men who have done no shooting, \$1 per diem.

The last (3) class, ignorant, uninstructed and incompetent soldiers, would be a source of positive danger if called out for action.

On what grounds can the present blanket rate of pay be justified? Higher authority should be looked to for encouragement in efforts for higher standard of excellence. This department pleads again for such support and such consideration for its recommendations as their importance should insure.

I would suggest that the saving from inefficients in the service (and non-marksmen form this non-efficient class) be divided among the several organizations, in proportion to their number of marksmen who have made qualifying scores in the target season of 1894.

The direct results of these recommendations, if adopted, would be to make it an object to qualify men for the greater pay for efficiency. Thus there would be more work done and efficiency

would be raised, while the non-shooting men, who are distinctly out of place in a shooting organization, would be eliminated, to the further increase in efficiency, as they are better out of the ranks than in them.

With the progress secured in individual work, no company should fall below the very moderate standard of 50 per cent. of marksmen. If any company should be found so thoroughly weak for any real service as such a discreditable showing would prove, it would prompt special inspection, with the strong probability of disbandment, and it would be a needless waste of the State appropriation to expend rising \$1,000 to send it to camp. Hence company work would be stimulated.

The division of the saving in pay of the non-efficients among the efficients would recognize their discharge of duty, and be an additional incentive to greater excellence. Incidentally, it would tend to more care in recruiting, which would be a direct benefit.

I cannot report a satisfactory condition of the militia as an armed force, to be relied upon to maintain law and order, *from their mere possession of arms.*

Captains of companies are responsible for the proficiency of their men. The *personnel* of the officer is such that, when the importance is once realized, improvement can be worked out, and marksmanship given the place it deserves. The trouble harks back to the conception of a company strong merely in numbers, regardless of a watered vitality.

The militia of to-day, certainly in Massachusetts, are anxious to become efficient. It has been significant that on many Fall Field Days fire was well in hand. Few men fired without aiming, a commendable advance in fire discipline. Much ammunition was not used in the manœuvres, which showed admirable economy, and that the men realized the practical nature of their work in action. Many officers of high rank and great influence have shown a thoroughly soldierly interest in this important essential to an efficient command.

The time is ripe for progress. As long as no step is taken to endorse what has been done, the inevitable outcome must be discouragement. The wisdom of withholding emphatic recognition of good work is beyond my comprehension. The theory of a military system instinct with efficiency surely prompts the elimination of inefficiency.

I feel a natural diffidence in submitting recommendations again and again, and perhaps that they fail to command your consideration should command my silence.

I sincerely hope the appropriation for the rifle department may

be increased. If there is any reason for a militia, there is absolute need in having it efficient. The present allowance of \$10,000 for the most important function of a force armed with firearms seems inadequate in proportion to the whole appropriation of \$215,000. The work is hampered, and, if the principle be once accepted that efficiency is right in demanding more recognition than chronic inefficiency, the standard of the force will quickly be raised nearer where it should stand to-day. Then, if a fair appropriation be set aside toward broadening rifle practice, there will be two powerful features at work to leaven the force.

I have the honor to call your attention to the tables accompanying this report, as showing what the department has done under the adverse conditions now maintaining.

I am, sir, very respectfully, your obedient servant,

WILLIAM L. CHASE, *Colonel,*

*Inspector General of Rifle Practice.*

## RECORD OF MARKSMEN, M. V. M.

### CLASSIFICATIONS AND ABBREVIATIONS.

#### DISTINGUISHED MARKSMAN CLASS (D. M.).

Sharpshooters of record, who have represented the State at Creedmoor, who may be mentioned in orders as the first twelve, or who have won an individual trophy at the State match.

#### SHARPSHOOTER CLASS (S. S.).

2 Scores of 22 out of a possible 25, at 200 yards.

2 " of 24 " " 25, " 500 "

2 " of 23 " " 25, " 600 "

#### FIRST-CLASS MARKSMAN (1st CLASS).

2 Scores of 21 out of a possible 25, at 200 yards.

2 " of 21 " " 25, " 500 "

#### SECOND-CLASS MARKSMAN (2D CLASS).

2 Scores of 18 out of a possible 25, at 200 yards.

#### THIRD-CLASS MARKSMAN (3D CLASS).

2 Scores of 15 out of a possible 25, at 200 yards.

*Requal.* signifies that a marksman has qualified in a class lower than highest previously attained. Those whose names are in *italics* have failed to qualify in 1893.

### COMMANDER-IN-CHIEF AND STAFF.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Gov. W. E. Russell.		2d Class,	Requal.	<i>Col. Henry E. Russell</i>	3d Class,	-	
<i>Brig. Gen. Francis Peabody, Jr.</i>		3d do.	-	" <i>James H. Carmichael</i>	2d do.	-	
<i>Brig. Gen. Thomas Kittredge</i>		2d do.	-	" Spencer Borden	2d do.	19, 20	
Col. Wm. L. Chase,				" <i>D. H. Vincent</i>	3d do.	-	
I. G. R. P.	D. M.,	Requal.		" John E. Thayer	2d do.	18, 18	
<i>Col. Geo. A. Keeler</i>	2d Class,	-		" Percy Parker	2d do.	18, 20	
" <i>H. D. Andrews</i>	2d do.	-		" John H. Cunningham	2d do.	Requal.	
" <i>Fred. G. King</i>	1st do.	-		" Horace B. Verry	3d do.	15, 15	
" James L. Carter	2d do.	21, 21					

### FIELD AND STAFF, FIRST BRIGADE.

<i>Brig. Gen. B. F. Bridges, Jr.</i>	1st Class,	-	<i>Capt. T. F. Cordis</i>	1st Class,	-
Lt. Col. B. S. Parker	1st do.	Requal.	" <i>C. D. Lyford</i>	S. S.,	-
Lt. Col. H. L. Burrill	1st do.	-	" <i>J. H. Lathrop</i>	1st Class,	-
Maj. F. H. Briggs	1st do.	42, 42	<i>Sgt. M. W. Bull</i>	D. M.,	-
Maj. C. W. Hinman	D. M.,	49, 50, 47	" <i>G. E. Fenn</i>	S. S.,	-
<i>Capt. C. L. Hayden</i>	1st Class,	-	" <i>C. F. Crosby</i>	1st Class,	-
" <i>C. E. Bridges</i>	1st do.	-	" E. B. Welles	2d do.	19, 20
" <i>H. S. Dewey</i>	1st do.	-	" W. S. Pepperell	2d do.	20, 20

## SIGNAL CORPS, FIRST BRIGADE.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sgt. W. N. Tolman .	D. M.,		47,48,48	Priv. Herman W. Hill	2d Class,	Requal.	
Priv. W. S. Ripley, Jr. . . . .	S. S.,		47,48,48	" J. Lester Hill .	2d do.	-	
Priv. A. E. Cooper .	1st Class,		42, 48	" S. H. Hopson .	2d do.	18, 18	
Sgt. C. A. Evans, Jr.	1st do.		45, 44	Lt. J. A. Hunneman	2d do.	18, 18	
Sgt. John A. Alden .	2d do.		18, 18	Priv. J. E. McKenzie	2d do.	18, 21	
Priv. A. D. Bagley .	2d do.		Requal.	" W. E. Merrill .	2d do.	18, 19	
Priv. Chas. J. Beebe	2d do.		-	" H. B. Weston .	2d do.	18, 19	
Sgt. C. C. Davidson	2d do.		19, 20	" G. H. Edwards	3d do.	-	
Priv. C. H. Gerrold .	2d do.		18, 20	" W. W. Higgins	3d do.	-	
Priv. Orrin Greene .	2d do.		19, 21	" G. M. Staples .	3d do.	-	

## AMBULANCE CORPS, FIRST BRIGADE.

Priv. John Stiles .	1st Class,	44, 42	Corp'l Benj. W. Clements . . . . .	3d Class,	15, 17
Sgt. W. J. G. Myers	2d do.	22, 21			
Priv. A. G. McCurdy	2d do.	-			

## FIELD AND STAFF, FIRST REGIMENT INFANTRY.

Col. T. R. Mathews .	1st Class,	-	P. M. Sgt. George R. Russell . . . . .	D. M.,	50,50,48
Lt. Col. C. L. Hovey	2d do.	-	Col. Sgt. F. W. Peirce	D. M.,	Requal.
Maj. R. H. Morgan .	S. S.,		Sgt. Maj. F. P. Webster . . . . .	S. S.,	Requal.
" P. A. Dyar .	S. S.,	Requal.	" G. W. Andrews	3d do.	17, 18
" Chas. Pfaff .	3d Class,	-	" W. E. Cook .	3d do.	15, 17
Lt. James A. Frye .	D. M.,	Requal.	" M. J. Coughlin	3d do.	15, 15
" C. B. Woodman .	1st Class,	Requal.	" J. W. Edmands	3d do.	17, 18
" Geo. F. Hall .	S. S.,	49,48,46	" A. F. Gross .	3d do.	15, 17
" H. B. Parker .	2d Class,	18, 19	" E. W. Hall .	3d do.	17, 18
" H. S. Dearing .	2d do.	Requal.	Chaplain M. J. Savage . . . . .	3d do.	16, 19
Maj. O. H. Marion .	S. S.,	44,48,46	Mus. A. L. Berry .	2d do.	19, 20
			Mus. H. H. Newhall	-	19, 19

## COMPANY A, FIRST REGIMENT INFANTRY.

Capt. J. P. Nowell .	S. S.,	44,50,48	Sgt. G. W. Dunbar .	3d Class,	15, 16
Lt. Sumner Paine .	S. S.,	49,50,49	Corp'l W. Kammler .	3d do.	15, 17
Sgt. Wm. Claupein .	S. S.,	47,49,46	Priv. J. M. Ahern .	3d do.	15, 16
Sgt. H. C. Bamberg .	1st Class,	44, 42	" G. W. Andrews	3d do.	17, 18
Corp'l A. B. Watts .	1st do.	43, 42	" W. E. Cook .	3d do.	15, 17
Priv. C. P. Chainey .	1st do.	42, 44	" M. J. Coughlin	3d do.	15, 15
" J. W. Clary .	1st do.	43, 47	" J. W. Edmands	3d do.	17, 18
" A. W. Hicks .	1st do.	47, 46	" A. F. Gross .	3d do.	15, 17
" Earle Chainey .	1st do.	44, 47	" E. W. Hall .	3d do.	17, 18
Sgt. J. E. Littlefield	2d do.	21, 21	" N. E. Hatfield .	3d do.	16, 19
Sgt. Henry Stern .	2d do.	18, 19	" W. P. Knibbs .	3d do.	15, 17
Corp'l Dorrety .	2d do.	19, 19	" J. D. R. McLeod	3d do.	16, 18
" G. H. Russell	2d do.	18, 20	" J. A. McNulty	3d do.	16, 17
" C. W. Smith .	2d do.	21, 21	" M. E. Riceout .	3d do.	16, 17
" Daniel Sullivan	2d do.	18, 19	" C. D. Riley .	3d do.	17, 17
Priv. G. P. Field .	2d do.	18, 19	" W. G. Ruisseau	3d do.	16, 19
" Daniel Flynn .	2d do.	18, 19	" J. B. Von Eau	3d do.	15, 15
" F. H. Leonard .	2d do.	18, 18	" F. H. Wadman	3d do.	16, 17
" Frank Murphy .	2d do.	19, 20	" G. A. Wiechman	3d do.	15, 16
" Wm. Purcell .	2d do.	18, 19	" J. McLean .	3d do.	-

## COMPANY B, FIRST INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Corp'l	John W. Blake	D. M.,	47,49,48	Priv.	G. M. Jackson	2d Class,	18, 18
Capt.	W. E. Lombard	S. S.,	48,50,47	"	C. W. James	2d do.	18, 19
Lt.	John E. Day	S. S.,	46,48,46	"	B. R. Jones	2d do.	20, 21
Lt.	M. Underwood	S. S.,	46,49,47	"	James Kater	2d do.	18, 20
Sgt.	A. F. Woodside	S. S.,	46,48,47	"	H. W. Kelley	2d do.	20, 20
"	Wm. T. McNeill	S. S.,	45,48,46	"	Chas. F. Lewis	2d do.	20, 20
"	Geo. P. Cooley	S. S.,	48,50,46	"	Amos McArthur	2d do.	20, 21
"	Geo. W. Cole	S. S.,	47,49,46	"	Wm McArthur	2d do.	18, 20
Corp'l	C. A. Dawson	S. S.,	50,48,48	"	Otto Meadka	2d do.	20, 21
Sgt.	Cutler L. Vose	1st Class,	42, 45	"	J. T. Mellsop	2d do.	18, 18
Sgt.	C. P. Cox, Jr.	1st do.	43, 43	"	J. K. Moore	2d do.	19, 20
Corp'l	Caleb West	1st do.	43, 42	"	G. C. Murch	2d do.	19, 19
"	Percy H. Prior	1st do.	46, 45	"	A. R. Newton	2d do.	18, 18
"	T. W. Peters	1st do.	45, 46	"	H. A. Penniman	2d do.	20, 21
"	J. H. Beaumont	1st do.	44, 45	"	W. A. Reynolds	2d do.	19, 21
Priv.	Ernest W. Hunt	1st do.	42, 42	"	C. H. B. Stacy	2d do.	18, 18
"	J. D. Ireland	1st do.	43, 43	"	J. A. Stevenson	2d do.	18, 20
"	F. McArthur	1st do.	43, 42	"	W. A. White	2d do.	19, 20
"	John W. Clary	1st do.	43, 48	"	E. F. Wilkins	2d do.	19, 20
"	C. G. Lincoln	1st do.	Requal.	"	C. A. Williams	2d do.	19, 20
Bugler	C. A. Wilton	2d do.	18, 19	"	C. G. Young	2d do.	18, 18
Priv.	Thomas Arnold	2d do.	18, 21	"	M. A. Mac-		
"	W. H. Arnold	2d do.	20, 20	"	Swainel	2d do.	20, 20
"	John W. Bailey	2d do.	18, 18	"	Fred E. Berry	3d do.	16, 17
"	Geo. C. Baker	2d do.	19, 20	"	Wen. W. Board-		
"	S. P. Batchelder	2d do.	20, 20	"	man	3d do.	15, 16
"	James Brazier	2d do.	18, 18	"	L. E. Boyden	3d do.	17, 17
"	W. G. Campbell	2d do.	20, 22	"	John Cheyne	3d do.	15, 16
"	C. P. Cox, Sr.	2d do.	18, 20	"	C. D. Fisher	3d do.	18, 18
"	Henry S. Dunn	2d do.	18, 20	"	John F. Friend	3d do.	17, 17
"	Walter S. Dyer	2d do.	20, 21	"	C. W. Hartwell	3d do.	16, 16
"	F. L. Golding	2d do.	19, 20	"	A. M. Jones	3d do.	16, 17
"	C. E. Gordon	2d do.	21, 21	"	W. T. Knight	3d do.	15, 16
"	Paul Harting	2d do.	22, 24	"	T. C. McArthur	3d do.	17, 19
"	E. B. Heinlein	2d do.	19, 19	"	Henry F. Moore	3d do.	15, 15
"	O. P. Higgins	2d do.	18, 20	"	Geo W. Moore	3d do.	16, 17
"	W. H. Higgins	2d do.	19, 20	"	D. H. Murray	3d do.	16, 17
"	C. M. Jackson	2d do.	19, 19	"	F. E. Parry	3d do.	17, 17
"	G. E. Jackson	2d do.	18, 18	"	Jas. L. Tyler	3d do.	16, 17

## COMPANY C, FIRST REGIMENT INFANTRY.

Capt.	H. W. Atkins	1st Class,	23, 25	Priv.	H. K. Blackmer	3d Class,	17, 16
Lt.	C. F. Mostrom	S. S.,	Requal.	"	W. F. Buttry	3d do.	15, 16
Lt.	C. P. Nutter	S. S.,	47,49,48	"	L. A. Cook	3d do.	15, 16
Corp'l	C. H. Richwood	S. S.,	Requal.	"	H. J. Elliott	3d do.	17, 17
Sgt.	G. H. Gunther	1st Class,	Requal.	"	R. Forbush	3d do.	15, 15
Sgt.	A. T. Tonrose	1st do.	42, 46	"	E. F. Grundy	3d do.	15, 16
Corp'l	C. E. French	1st do.	42, 42	"	A. A. Graevell	3d do.	16, 17
Priv.	H. L. Smith	1st do.	42, 42	"	G. A. Hagerty	3d do.	15, 17
<i>Mus.</i>	<i>H. S. Libby</i>	1st do.	-	"	J. H. Helmond	3d do.	15, 15
Sgt.	A. E. Hall	2d do.	20, 20	"	E. Manning	3d do.	15, 17
Sgt.	A. G. Hill	2d do.	22, 22	"	W. J. McCaffery	3d do.	15, 15
Corp'l	A. Gustafson	2d do.	20, 20	"	J. E. Nelson	3d do.	17, 19
"	G. Carlson	2d do.	18, 18	"	F. M. Redpath	3d do.	16, 16
"	H. Ives	2d do.	18, 18	"	F. Razoux	3d do.	16, 19
"	C. Hegerick	2d do.	18, 19	"	G. P. Sennott	3d do.	15, 20
Priv.	W. C. Ecker	2d do.	19, 21	"	F. Tusedale	3d do.	15, 19
"	H. T. Larrabee	2d do.	18, 18	"	J. J. Talbot	3d do.	17, 17
"	C. W. Pierce	2d do.	21, 19	"	F. Visnet	3d do.	15, 17
"	H. S. Steele	2d do.	18, 20	"	G. A. Penney	3d do.	-
"	G. H. Trombly	2d do.	-				

## COMPANY D, FIRST REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
1st Sgt.	Louis E. Lutz	S. S.,	43, 49, 46	Priv.	J. J. Blaikie	3d Class,	16, 15
Sgt.	Wm. M. Corey	1st Class,	47, 47	"	C. J. Connell	3d do.	15, 15
Sgt.	E. A. Stephens	1st do.	42, 43	"	D. V. Connell	3d do.	18, 18
Priv.	W. H. Packard	1st do.	Requal.	"	H. W. Deering	3d do.	18, 17
Capt.	J. H. Frothingham	2d do.	18, 18	"	W. H. Ellinger	3d do.	18, 16
Lt.	James W. Dana	2d do.	18, 21	"	F. H. Fielding	3d do.	16, 15
Sgt.	E. C. Bradbury	2d do.	21, 19	"	R. J. Hamilton	3d do.	19, 17
Corp'l	Chas. E. Little	2d do.	19, 19	"	Carl Held	3d do.	17, 16
"	W. J. McCullough	2d do.	19, 18	"	A. T. Hobart	3d do.	16, 16
"	C. H. Roberts, Jr.	2d do.	19, 18	"	Wm. G. Joy	3d do.	15, 15
"	L. A. Young	2d do.	18, 18	"	A. S. Kennedy	3d do.	15, 15
Bugler	William H. Eldridge	2d do.	21, 18	"	Oscar C. Lenk	3d do.	16, 15
Priv.	Geo. B. Chadbourne	2d do.	19, 18	"	R. D. Magrath	3d do.	16, 16
"	David H. Fogg	2d do.	19, 21	"	A. F. Marcyes	3d do.	16, 16
"	A. A. Hanson	2d do.	19, 18	"	W. E. McGraw	3d do.	16, 15
"	Chas. F. Lewis	2d do.	20, 20	"	W. E. McLean	3d do.	16, 15
"	A. L. McCullough	2d do.	19, 18	"	G. E. Murphie	3d do.	17, 15
"	O. P. Sanderson	2d do.	20, 19	"	I. E. Pearson	3d do.	19, 17
"	C. H. Stockemer	2d do.	19, 18	"	C. O. Peirce	3d do.	18, 17
"	F. G. J. Wilson	2d do.	18, 18	"	W. H. Potter	3d do.	18, 15
"	Albert Cutler	2d do.	-	"	H. L. Ward	3d do.	16, 16
"	C. A. Smith	2d do.	-	"	T. E. Yates	3d do.	16, 16
Sgt.	N. P. Cormack	3d do.	18, 17	Lt.	J. S. Keenan	3d do.	-
Corp'l	Geo. M. Wood	3d do.	15, 15	Priv.	A. W. Butterworth	3d do.	-
Corp'l	J. J. Anderson	3d do.	17, 16	"	C. J. Crawford	3d do.	-
				"	W. E. Conant	3d do.	-
				"	E. T. Hand	3d do.	-
				"	F. J. Keefe	3d do.	-
				"	G. E. Richardson	3d do.	-
				"	J. P. Sampson	3d do.	-

## COMPANY E, FIRST REGIMENT INFANTRY.

Corp'l	Joseph L. Gibbs	D. M.,	48, 50, 49	Sgt.	H. C. Churchill	2d Class,	19, 19
Sgt.	E. E. Baudion	D. M.,	48, 50, 47	Corp'l	J. F. Rogers	2d do.	21, 21
Capt.	A. E. Perry	S. S.,	Requal.	Corp'l	H. Hathaway, Jr.	2d do.	18, 18
Lt.	A. P. Pope	S. S.,	44, 48, 47	Priv.	G. H. Baylies	2d do.	18, 19
Sgt.	A. T. Howland	S. S.,	44, 48, 47	"	R. H. Bennett	2d do.	18, 18
"	H. S. Swaine	S. S.,	45, 48, 46	"	W. A. Burt	2d do.	18, 22
"	G. H. Devoll	S. S.,	44, 48, 47	"	H. N. Brownell	2d do.	18, 19
Corp'l	E. M. Slocum	S. S.,	47, 50, 47	"	W. A. Clark	2d do.	18, 18
"	C. H. Fuller	S. S.,	45, 48, 47	"	J. L. Crowley	2d do.	19, 22
"	W. E. James	S. S.,	44, 48, 47	"	C. Dewhurst	2d do.	16, 19
Priv.	C. E. Gelette	S. S.,	46, 50, 47	"	J. L. Duffy	2d do.	18, 19
"	Robert Hall	S. S.,	46, 48, 47	"	H. C. Ellis	2d do.	18, 20
"	E. T. Clark	S. S.,	Requal.	"	I. J. B. Folsom	2d do.	21, 22
"	E. L. Soule	S. S.,	Requal.	"	A. B. Gifford	2d do.	18, 21
"	Sam. Whitehead	S. S.,	Requal.	"	W. D. Hathaway	2d do.	18, 19
Corp'l	C. E. Anthony	1st Class	43, 44	"	C. H. James	2d do.	19, 20
Bug.	D. J. Price	1st do.	43, 42	"	G. C. Kingsley	2d do.	18, 18
Priv.	S. R. Clark	1st do.	42, 49	"	C. A. Maxfield	2d do.	19, 19
"	A. E. Duffy	1st do.	42, 43	"	R. T. Matthews	2d do.	18, 18
"	J. H. Davis	1st do.	Requal.	"	A. R. Morse, Jr.	2d do.	21, 22
"	J. F. Goggin	1st do.	Requal.	"	H. S. Mosher	2d do.	19, 19
"	E. L. Bryant	1st do.	Requal.	"	J. W. Murray	2d do.	18, 20
"	J. P. Kennedy	1st do.	Requal.	"	H. N. Peck	2d do.	20, 23
"	C. B. Robbins	1st do.	Requal.	"	C. O. Pierce	2d do.	19, 22
"	T. A. Hadfield	1st do.	Requal.	"	W. L. Peters	2d do.	21, 22
Lt.	T. S. Hathaway	2d do.	18, 21				

## COMPANY E, FIRST REGIMENT INFANTRY — Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv.	R. F. Reid	2d Class,	19, 20	Priv.	J. B. Jones	3d Class,	15, 16
"	Wm. Simister	2d do.	17, 18	"	E. B. Jennings	3d do.	15, 17
"	J. C. Spooner	2d do.	18, 20	"	H. F. McCon-		
"	W. C. Stowell	2d do.	18, 19	"	ville	3d do.	17, 18
"	Thos. Tripp	2d do.	19, 20	"	F. B. Hathaway	3d do.	15, 16
"	W. G. Wood	2d do.	21, 22	"	A. Millor	3d do.	16, 19
"	S. F. Aiken	3d do.	15, 15	"	S. R. Spencer	3d do.	17, 18
"	W. H. Craig	3d do.	16, 20	"	R. Wilkinson	3d do.	15, 17
"	J. P. Denison	3d do.	16, 16	"	L. A. Vierick	3d do.	15, 16
"	H. C. Ellis	3d do.	15, 15	"	N. H. Tripp	3d do.	15, 15
"	J. A. Ferns	3d do.	17, 17				

## COMPANY F, FIRST REGIMENT INFANTRY.

Priv.	S. J. Fowler	S. S.,	Requal.	Priv.	A. W. Warbur-		
Sgt.	John T. Barker	S. S.,	47, 48, 46	ton		2d Class,	18, 18
Priv.	Harry Carlow	1st Class,	43, 43	"	A. A. Whipple	2d do.	20, 23
Sgt.	G. W. Delhanty	1st do.	43, 42	"	H. M. Living-		
Priv.	Patrick Devers	1st do.	42, 43	tone		2d do.	18, 19
Sgt.	H. J. Rounseville	1st do.	44, 43	"	Joseph Dexter	2d do.	-
Priv.	H. W. Roby	1st do.	43, 42	"	J. J. Dugan	2d do.	-
Sgt.	Fred A. Shaw	1st do.	43, 45	"	C. E. Caswell	3d do.	15, 17
Sgt.	James E. Totten	1st do.	43, 43	"	Jas. B. Ervin	3d do.	15, 18
Corp'l	S. P. Totten	1st do.	42, 45	"	E. A. Court	3d do.	18, 16
Priv.	Albert Clare	1st do.	Requal.	"	A. K. Crowell	3d do.	15, 17
"	H. N. Blandin	2d do.	18, 19	"	W. W. Gifford	3d do.	16, 17
"	Wm. H. Chase	2d do.	19, 20	Corp'l	George Grigor	3d do.	16, 17
"	Willie Clark	2d do.	18, 19	Priv.	T. P. Hartigan	3d do.	17, 16
Capt.	N. O. Danforth	2d do.	22, 21	"	F. E. W. Howe	3d do.	17, 17
Priv.	J. G. DeCoff	2d do.	21, 21	"	J. W. Jenkins	3d do.	15, 16
"	C. W. Leven-			"	S. T. Madison	3d do.	15, 17
saler		2d do.	18, 18	"	P. A. McCabe	3d do.	15, 16
"	A. L. Lucas	2d do.	20, 19	Lt.	F. H. Phillips	3d do.	15, 16
"	J. MacFarlane	2d do.	18, 18	Priv.	H. A. Pierce	3d do.	17, 21
Lt.	Wm. J. Meek	2d do.	22, 23	Bugler	I. L. Robinson	3d do.	18, 15
Priv.	D. McKunion	2d do.	18, 21	Priv.	G. T. Seekell	3d do.	15, 15
"	J. McKenna	2d do.	18, 18	"	J. A. Welch	3d do.	17, 15
"	F. J. McManus	2d do.	18, 18	"	R. A. Atwood	3d do.	-
"	Allen J. Morse	2d do.	18, 20	"	Frederic Court	3d do.	-
Corp'l	I. H. Pidgeon	2d do.	20, 20	"	C. A. L. Holland	3d do.	-
Priv.	A. Robertson	2d do.	20, 19	"	Charles Ives	3d do.	-
"	T. S. Shiedow	2d do.	18, 19	"	R. M. Strange	3d do.	-
"	R. S. Smith	2d do.	18, 18				

## COMPANY G, FIRST REGIMENT INFANTRY.

Priv.	J. G. Vennell	1st Class,	42, 47	Priv.	F. G. Chapman	3d Class,	15, 15
Mus.	W. H. Barrett	2d do.	18, 19	"	M. F. Curley	3d do.	16, 17
Sgt.	W. H. Clark	2d do.	19, 20	"	W. O. Cushing	3d do.	15, 17
"	W. J. Earle	2d do.	19, 19	"	H. F. Fillebrown	3d do.	15, 17
"	W. J. Mudge	2d do.	18, 19	"	W. A. Gardner	3d do.	15, 17
"	W. H. Tighe	2d do.	19, 20	"	M. P. Geary	3d do.	15, 17
Lt.	J. A. Verge	2d do.	18, 19	"	J. L. Kelley	3d do.	15, 15
Corp'l	R. E. Bauch	3d do.	16, 17	"	L. P. Mott	3d do.	16, 16
Corp'l	T. H. Burton	3d do.	17, 18	Corp'l	W. E. Morse	3d do.	16, 16
Priv.	C. H. Brown	3d do.	15, 17	Priv.	C. F. Morrell	3d do.	15, 16
"	J. S. Beaton	3d do.	15, 15	"	D. J. S. McCur-		
"	J. J. Bennett	3d do.	15, 17	dy		3d do.	15, 16
"	W. F. Bixby	3d do.	15, 16	"	W. J. McIntosh	3d do.	17, 17

## COMPANY G, FIRST REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. Isaac Pierce	.	3d Class,	15, 18	Priv. G. A. Weeden	.	3d Class,	16, 17
Corp'l A. W. Stewart	.	3d do.	15, 15	" L. S. Wood	.	3d do.	17, 17
Priv. W. O. Smaray	.	3d do.	15, 15	Sgt. J. P. Willey	.	3d do.	15, 19
" C. F. Smith	.	3d do.	17, 19	Lt. Geo. J. Vickery	.	3d do.	-
" W. H. Walker	.	3d do.	15, 15	Priv. P. T. Foley	.	3d do.	-

## COMPANY H, FIRST REGIMENT INFANTRY.

Capt. C. M. Flanders	.	1st Class,	Requal.	Priv. T. H. Bayley	.	2d Class,	-
Corp'l W. R. Bennett	.	1st do.	Requal.	Priv. T. P. Kelley	.	2d do.	-
Priv. D. J. McGilvray	.	1st do.	Requal.	Corp'l E. W. Wheadon	.	3d do.	15, 16
Priv. F. McDonald	.	1st do.	42, 44	Priv. K. Bray	.	3d do.	15, 19
Lt. J. R. Smith	.	2d do.	19, 19	" M. Gibbs	.	3d do.	17, 17
Sgt. B. E. Grant	.	2d do.	18, 18	" S. E. Haraden	.	3d do.	16, 15
Sgt. W. Renfew	.	2d do.	20, 20	" H. T. Smith	.	3d do.	17, 17
Corp'l C. R. Apted	.	2d do.	21, 22	" J. G. H. McGil-	.		
Mus. F. D. Dixon	.	2d do.	16, 16	vray	.	3d do.	17, 22
Priv. J. W. Angus	.	2d do.	18, 18	" W. H. Nickerson	.	3d do.	17, 17
" E. G. Farrell	.	2d do.	19, 20	" W. L. Pratt	.	3d do.	-
" H. S. Flint	.	2d do.	18, 20	Sgt. W. L. Meek	.	3d do.	-
" J. A. McIsaac	.	2d do.	18, 20	Corp'l B. M. Whitten	.	3d do.	-
" G. M. R. Lund	.	2d do.	20, 20	Priv. G. W. Butler	.	3d do.	-
" C. C. Stanchfield	.	2d do.	21, 22	" J. A. Chisholm	.	3d do.	-
" C. G. Taylor	.	2d do.	19, 19	" F. J. Taylor	.	3d do.	-
Corp'l G. A. Sands	.	2d do.	-				

## COMPANY I, FIRST REGIMENT INFANTRY.

Capt. C. Williamson	.	D. M.,	Requal.	Priv. E. J. Morse	.	2d Class,	21, 20
Lt. Geo. E. Horton	.	S. S.,	Requal.	" W. J. Marshall	.	2d do.	21, 20
Sgt. E. Frank Pope	.	S. S.,	48, 48, 48	" Geo. P. Presby	.	2d do.	18, 22
Lt. H. G. Winsor	.	S. S.,	Requal.	" W. H. Parks	.	2d do.	21, 22
Priv. L. L. Winsor	.	S. S.,	44, 48, 46	" H. S. Parker	.	2d do.	18, 22
Sgt. W. S. Allen	.	1st Class,	42, 42	" H. S. Reed	.	2d do.	18, 18
Priv. Geo. E. Bolling	.	1st do.	45, 44	" W. H. Stubbs	.	2d do.	18, 18
Sgt. C. E. Clark	.	1st do.	43, 49	" C. F. Winsor	.	2d do.	20, 20
Sgt. F. M. Cole	.	1st do.	44, 44	" J. P. Whitney	.	2d do.	18, 18
Corp'l M. S. Higgins	.	1st do.	Requal.	" Geo. R. Wass	.	2d do.	20, 21
Priv. W. L. Joslyn	.	1st do.	44, 43	" C. B. Williams	.	2d do.	18, 19
Priv. E. W. Lund-	.			" F. A. Andrews	.	3d do.	17, 18
strom	.	1st do.	42, 44	" F. E. Braley	.	3d do.	16, 18
Sgt. Chas. Rowley	.	1st do.	42, 44	" E. W. Bearse	.	3d do.	15, 16
Priv. R. J. Turncliffe	.	1st do.	42, 43	" E. N. Billington	.	3d do.	16, 15
Corp'l Herbert Allen	.	2d do.	19, 19	" H. H. Butler	.	3d do.	17, 15
Priv. Geo. A. Aber-	.			" C. R. Clark	.	3d do.	18, 17
crombie	.	2d do.	21, 19	" J. Davis	.	3d do.	17, 16
Priv. Fred C. Alger	.	2d do.	18, 18	" A. A. Goss	.	3d do.	16, 16
Corp'l C. R. Baker	.	2d do.	20, 18	" R. H. Holway	.	3d do.	15, 15
Corp'l S. W. Billington	.	2d do.	18, 19	" F. A. Horton	.	3d do.	16, 16
Priv. Geo. B. Burgess	.	2d do.	18, 19	" Robt. Mack	.	3d do.	15, 16
" A. A. Belcher	.	2d do.	19, 19	" F. B. Maxwell	.	3d do.	16, 18
" Nathan Chase	.	2d do.	18, 21	" F. L. Porter	.	3d do.	16, 16
Corp'l J. A. Coffin	.	2d do.	18, 19	" W. H. Perry	.	3d do.	15, 16
Priv. H. H. Clayton	.	2d do.	18, 18	" Aug. Reyott	.	3d do.	15, 15
" W. H. Delano	.	2d do.	18, 19	" S. B. Sampson	.	3d do.	15, 18
" F. M. Davis	.	2d do.	18, 18	" Con. Seaberg	.	3d do.	16, 16
" W. F. Elliott	.	2d do.	21, 20	Corp. E. L. Stone	.	3d do.	16, 15
" H. T. McClintick	.	2d do.	22, 20	Priv. E. B. Winslow	.	3d do.	16, 18

## COMPANY K, FIRST REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Capt. G. F. Quinby .	S. S.,		44,50,50	Priv. F. L. Ready .	3d Class,		16, 17
Sgt. C. A. Strangman	S. S.,		-	" I. J. Davis .	3d do.		16, 19
Sgt. W. J. Rogers .	1st Class,		42, 44	Lt. H. L. Chapman .	2d do.		-
Corp'l J. T. Fabian	1st do.		-	Sgt. C. A. Monks .	2d do.		-
Corp'l S. A. McAvoy	1st do.		44, 44	Sgt. E. P. Tucker .	2d do.		-
Lt. Fred. S. Howes .	2d do.		19, 19	Corp'l A. W. Joslin .	2d do.		-
Corp'l W. J. Hally .	2d do.		20, 20	Corp'l H. R. Noyes .	2d do.		-
Priv. R. A. Finley .	2d do.		19, 20	Sgt. E. C. Freeman .	2d do.		-
" G. H. Webber .	2d do.		21, 22	" E. F. Merrill .	2d do.		-
" W. C. Atton .	2d do.		-	" H. Lewenberg .	3d do.		-
Sgt. H. W. LeFavor	3d do.		15, 16	Priv. H. M. Condon .	3d do.		-
Priv. C. F. Adams .	3d do.		15, 15	" J. E. Pierce .	3d do.		-
" W. H. Dowd .	3d do.		17, 18	" H. N. Avery .	3d do.		-
" R. Foster .	3d do.		15, 16	" D. R. Shedd .	3d do.		-

## COMPANY L, FIRST REGIMENT INFANTRY.

Sgt. W. D. Huddleson	D. M.,	49,50,47	Corp'l J. B. Gerrold .	3d Class,	16, 17
Lt. C. H. Lake .	S. S.,	-	Priv. W. E. Ennis .	3d do.	17, 17
Sgt. H. L. White .	S. S.,	44,48,47	" L. A. Blanchard .	3d do.	15, 16
Corp'l D. V. Reeves .	1st Class,	42, 43	" G. R. J. Henry .	3d do.	15, 16
Priv. F. R. Brown .	1st do.	43, 44	" J. D. Oatt .	3d do.	15, 17
Priv. E. M. Willis .	1st do.	43, 42	" D. C. Crowley .	3d do.	16, 16
Sgt. H. C. Fox .	2d do. Requal.		" G. S. Magill .	3d do.	17, 18
Sgt. W. R. Graves .	2d do.	19, 19	" L. Bamforth .	3d do.	16, 18
Corp'l C. J. Peterson	2d do.	18, 18	Capt. F. M. Whiting	3d do.	-
Corp'l H. R. Grohs .	2d do.	18, 18	Sgt. J. L. Jones .	3d do.	-
Priv. E. H. Hartman	2d do.	18, 18	Priv. H. A. Barnes .	3d do.	-
" H. H. Newhall .	2d do.	19, 19	" W. A. Clark .	3d do.	-
" E. B. Wood .	2d do.	19, 18	" M. H. Dalton .	3d do.	-
" T. Kroh .	2d do.	18, 20	" F. P. Dugan .	3d do.	-
" L. Browman .	2d do.	19, 18	" T. H. Hurley .	3d do.	-
" A. C. Reinhardt .	2d do.	19, 18	" T. J. Leary .	3d do.	-
" W. A. Wheeler .	2d do.	18, 18	" J. F. McLean .	3d do.	-
" C. A. Pettingill .	2d do.	18, 19	" W. J. McLean .	3d do.	-
" A. W. Ferry .	2d do.	18, 20	" A. McAuley .	3d do.	-
" H. D. McIntyre .	2d do.	18, 18	" L. W. B. F. Salvi	3d do.	-
Corp'l J. C. Barrett .	3d do.	17, 17			

## COMPANY M, FIRST REGIMENT INFANTRY.

Lt. David Fuller .	S. S.,	Requal.	Sgt. A. B. Sandford	2d Class,	Requal
Lt. Walt. F. Borden	S. S.,	44,48,47	Corp'l Wm. W. Booth	2d do.	22, 23
Sgt. G. Hollins .	S. S.,	46,48,46	Priv. Ernest Bridge .	2d do.	21, 19
Sgt. F. W. Harrison	S. S.,	Requal.	" J. H. Bentley .	2d do.	18, 18
Corp'l John W. Horan	S. S.,	46,48,47	" A. Cockcroft .	2d do.	20, 21
Corp'l R. H. Booth .	S. S.,	44,48,47	" Henry Cross .	2d do.	19, 19
Sgt. Edwin G. Davol	1st Class,	-	" A. Graham .	2d do.	18, 18
" Wm. H. Kelley	1st do.	Requal.	" J. R. Graham .	2d do.	18, 20
" Geo. E. Potter .	1st do.	42, 43	" Paul Harrison .	2d do.	22, 22
Corp'l Jas. H. Horan	1st do.	43, 46	" James H. Holt .	2d do.	18, 18
" J. F. McAdams .	1st do.	43, 42	" Wm. J. Hyde .	2d do.	20, 22
" Frank S. Abbott	1st do.	42, 42	" Lewis E. Rolfe .	2d do.	19, 19
Priv. Edward H. Pilkington	1st do.	42, 42	" A. F. Simmons .	2d do.	18, 19
" J. H. M. Sharples	1st do.	42, 45	" A. D. Skinner .	2d do.	18, 19
" Joseph Taylor .	1st do.	42, 43	" Richard Wood .	2d do.	20, 20
" J. M. Whitehead	1st do.	44, 45	" W. H. Kennedy .	2d do.	-
" John Walsh .	1st do.	Requal.	" J. R. Alford .	3d do.	16, 17
			" Chas. Bridges .	3d do.	15, 17

## COMPANY M, FIRST REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. Z. Buckley		3d Class,	17, 17	Priv. John T. Lahey	3d Class,	16, 16	
" John F. Conlon		3d do.	15, 17	" Rob. L. Milton	3d do.	17, 17	
" Robert Crowe		3d do.	15, 15	" J. Ormerod	3d do.	15, 16	
" Hugh Dale		3d do.	16, 18	" Jas. H. Reddy	3d do.	16, 19	
" John Delehunt		3d do.	16, 17	" James Smith	3d do.	15, 17	
" John F. Dynes		3d do.	16, 17	" F. Waldron	3d do.	15, 16	
" Harry Gorham		3d do.	15, 16	" Wm. Wilson	3d do.	15, 16	
" Thos. Graham		3d do.	16, 16	Mus. John Lee	3d do.	15, 15	
" J. A. Heywood		3d do.	15, 16	Priv. Wm. Smith	3d do.	15, 15	
" Fred'k Horsman		3d do.	16, 17	Capt. Serra L. Baley	3d do.	-	
" John F. Hughes		3d do.	17, 18	Priv. John Leonard	3d do.	-	

## FIELD AND STAFF, SECOND REGIMENT INFANTRY.

Maj. F. G. Southmayd	D. M.,	Requal.	Hos. Std. C. S. Axtell	1st Class,	Requal.
Maj. David Clark	D. M.,	46, 50, 46	Sgt. Melvin N. Snow	1st do.	Requal.
Lt. S. S. Bumstead	D. M.,	48, 49, 47	Lt. A. C. Edson	2d do.	20, 21
Qm. Sgt. E. T. Stephens	D. M.,	Requal.	" C. D. Colson	2d do.	19, 19
Col. E. P. Clark	S. S.,	Requal.	Sgt. S. E. Leonard	2d do.	18, 19
Maj. E. R. Shumway	S. S.,	45, 49, 47	Dr. Maj. D. J. Callinan	3d do.	17, 18
Sgt. Maj. F. D. Phillips	S. S.,	44, 48, 46	Sgt. W. L. Clough	3d do.	15, 17
Maj. P. D. Bridges	1st Class,	Requal.	Mus. F. C. Dinsmore	3d do.	15, 16
Lt. J. E. Lancaster	1st do.	45, 47	Mus. Wm. E. Turner	3d do.	16, 19
Chap. J. C. Welwood	1st do.	44, 44	Lt. Orland J. Brown	3d do.	-

## COMPANY A, SECOND REGIMENT INFANTRY.

Capt. W. A. Condy	S. S.,	44, 48, 46	Priv. F. W. Copeland	3d Class,	16, 17
Lt. M. H. Tisdell	S. S.,	46, 50, 48	" S. E. Clapp	3d do.	17, 18
Lt. Edwin G. Barrett	S. S.,	44, 48, 47	" W. F. Cox	3d do.	15, 16
Sgt. G. F. Warren	S. S.,	44, 49, 46	" R. E. Dodge	3d do.	18, 15
Priv. H. R. Behrem	S. S.,	48, 48, 46	" J. Danielson	3d do.	15, 17
Sgt. F. H. Lucke	1st Class,	42, 44	" C. B. Emerson	3d do.	16, 15
Corp'l G. W. Stebbins	1st do.	42, 42	" H. R. Fay	3d do.	16, 17
Corp'l G. E. Rix	1st do.	43, 43	" R. C. Green	3d do.	16, 17
Priv. G. E. Allison	1st do.	43, 43	" Fred. W. Green	3d do.	16, 17
Sgt. J. G. Gowans	2d do.	Requal.	" D. Gowans	3d do.	17, 18
Sgt. J. T. Cruikshank	2d do.	19, 20	" F. H. Howard	3d do.	20, 20
Corp'l J. A. Blair	2d do.	20, 21	" J. Harrington	3d do.	16, 16
Priv. F. H. Behrem	2d do.	19, 18	" E. B. Hall	3d do.	17, 20
" C. W. Clark	2d do.	20, 20	" J. S. Hogan	3d do.	15, 15
" W. J. Harkins	2d do.	18, 19	" G. W. Hammond	3d do.	16, 16
" E. M. Howard	2d do.	18, 19	" R. F. Kohlstrom	3d do.	16, 18
" R. Hammond	2d do.	18, 20	" C. E. Lovley	3d do.	15, 19
" A. Hutchinson	2d do.	19, 20	" J. T. Laflamme	3d do.	17, 18
" E. Riedl	2d do.	19, 18	" G. F. Pond	3d do.	17, 19
" C. H. Smith	2d do.	20, 19	" C. A. Poland	3d do.	15, 16
" H. M. Stebbins	2d do.	19, 19	" W. H. Plummer	3d do.	16, 17
Corp'l H. W. Woods	2d do.	19, 19	" W. J. Price	3d do.	15, 16
Priv. C. L. Engdahl	2d do.	19, 19	" A. W. Roberts	3d do.	16, 17
" F. L. Neiderberger	2d do.	19, 21	" A. L. Roy	3d do.	15, 19
" M. G. Churchill	2d do.	18, 21	" E. B. Sawyer	3d do.	15, 16
" C. H. Webber	2d do.	16, 17	" C. W. Weixler	3d do.	16, 20
" J. H. Thrain	2d do.	-	" S. A. Wallace	3d do.	16, 19
1st Sgt J. H. Lander	3d do.	16, 17	" D. M. Young	3d do.	15, 16
Mus. H. S. Marks	3d do.	18, 20	" H. C. Grover	3d do.	15, 16
Priv. W. H. Allison	3d do.	15, 18	" A. E. Hazelton	3d do.	17, 16
" H. B. Bond	3d do.	15, 16	" C. F. Lamberton	3d do.	15, 18

## COMPANY B, SECOND REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Capt. H. McDonald.	D. M.,		44,48,47	Priv. A. W. Graves.	2d Class,		18, 18
Lt. John A. Sterling.	D. M.,		46,48,47	" W. M. Gwinnell	2d do.		18, 19
Sgt. Henry J. Smith	S. S.,		47,48,46	" H. R. Jenne	2d do.		18, 18
Priv. M. W. Frawley	S. S.,		45,48,48	" H. A. Kane	2d do.		19, 20
" W. G. Gruendler	S. S.,		44,48,48	" James Keough	2d do.		18, 20
" Sam. E. Smith	S. S.,		Requal.	" Frank H. Kuhn	2d do.		18, 19
Sgt. H. J. Vesper	1st Class,		Requal.	" Alfred Loncto	2d do.		18, 19
Sgt. Thos. F. Burke	1st do.		42, 42	" H. C. Meyrick	2d do.		Requal.
Corp'l G. H. St. John	1st do.		42, 42	" E. F. McCarthy	2d do.		18, 18
" H. Lawrence.	1st do.		42, 44	" C. C. Nally	2d do.		19, 19
" Wm. G. Smith	1st do.		45, 45	" C. E. Pease	2d do.		20, 22
" A. J. Schaeffler	1st do.		47, 45	" F. M. Rainger	2d do.		19, 21
Priv. O. E. Alberts	1st do.		43, 47	" H. J. Richmond	2d do.		18, 19
" H. T. Broughton	1st do.		Requal.	" P. C. Schaeffler	2d do.		22, 22
" L. E. Kaplinger	1st do.		Requal.	" John J. Shea	2d do.		19, 19
" F. A. Wakefield	1st do.		47, 48	" A. E. Stuckert	2d do.		18, 19
" F. E. Wyman.	1st do.		43, 44	" J. P. Sullivan	2d do.		20, 20
Lt. Paul R. Hawkins	2d do.		20, 21	" Albert F. Ward	2d do.		18, 20
Sgt. Wm. L. Young.	2d do.		19, 20	" H. C. Wakefield	3d do.		21, 18
" Alvin E. Richmond	2d do.		Requal.	Corp'l R. H. Bearse	3d do.		15, 18
" J. F. Harrington	2d do.		18, 19	Priv. F. A. Bissell	3d do.		17, 20
Corp'l Wm. G. Adams	2d do.		18, 19	" Floyd E. Burlingham	3d do.		16, 17
Mus. L. F. Schoch	2d do.		20, 21	" John Duffy	3d do.		15, 16
Priv. A. R. Brooks	2d do.		21, 21	" Chas. E. Foster	3d do.		16, 17
" Wm. A. Carter	2d do.		18, 19	" P. Fitzgerald	3d do.		16, 17
" E. H. Clark	2d do.		18, 20	" J. P. Gaffney	3d do.		16, 16
" E. P. Churchill	2d do.		18, 19	" J. M. Holland	3d do.		16, 17
" Chas. F. Davis	2d do.		18, 22	" M. F. Madden	3d do.		15, 16
" F. R. Daniels	2d do.		18, 20	" D. C. Payne	3d do.		15, 22
" Elmer A. Fitch	2d do.		21, 21	" A. D. Roberts	3d do.		16, 17
" Louis Gaboury	2d do.		18, 19	" A. D. Rose	3d do.		15, 16
" John Gour	2d do.		Requal.	" Geo. H. Spencer	3d do.		15, 16
" Carl H. Greim.	2d do.		18, 19	" Chas. H. Wilson	3d do.		15, 16

## COMPANY C, SECOND REGIMENT INFANTRY.

Priv. A. D. Jefferson	D. M.,	44,49,48	Priv. C. T. Fletcher.	2d Class,	18, 20
Priv. H. L. Adams	S. S.,	45,48,46	" Henry J. Gross	2d do.	18, 18
Sgt. Frank L. Allen.	S. S.,	43,48,48	" G. W. Hubbard	2d do.	19, 20
Priv. C. E. Burbank	S. S.,	44,49,46	" D. T. Jenkins	2d do.	18, 18
Sgt. F. M. Clark, Jr.	S. S.,	44,48,46	" Fred A. Jones	2d do.	18, 19
Capt. H. B. Fairbanks	S. S.,	45,48,46	Corp'l H. J. Kettell	2d do.	20, 20
Sgt. John Fuller	S. S.,	44,48,48	Priv. W. F. Little	2d do.	18, 18
Lt. W. F. Gilman	S. S.,	45,49,46	" H. K. Lovell	2d do.	18, 19
Priv. C. E. Hildreth	S. S.,	44,49,47	" C. B. Sartell, Jr	2d do.	19, 20
Corp'l Geo. H. Hill	S. S.,	46,48,49	" George A. Smith	2d do.	19, 21
Priv. C. S. Holden	S. S.,	45,48,46	" C. M. Stewart	2d do.	18, 19
Priv. E. E. Johnson	S. S.,	44,49,46	" F. W. Taft	2d do.	18, 18
Sgt. Arthur C. King	S. S.,	45,48,46	" Fred L. Ward	2d do.	19, 19
Priv. I. L. Rheutan	S. S.,	44,48,46	" A. L. Warren	2d do.	18, 19
Lt. Phineas L. Rider	S. S.,	45,48,48	" F. W. Wesson	2d do.	18, 21
Priv. W. Stevenson	S. S.,	45,50,46	" W. E. Booth	3d do.	16, 16
Priv. A. F. Townsend	S. S.,	44,48,47	" W. F. Boswell	3d do.	17, 18
Sgt. H. H. Warren	S. S.,	44,48,46	" F. W. Brigham	3d do.	15, 18
Priv. A. B. Weixler	S. S.,	44,47,46	" C. H. Colburn	3d do.	15, 16
" W. N. Brooks	1st Class,	45, 44	" J. G. Colles	3d do.	15, 18
" H. W. Marsh	1st do.	42, 43	" R. H. Dowse	3d do.	15, 17
Bugler W. E. Briggs	2d do.	18, 19	" Hoskison Gates	3d do.	15, 16
Priv. W. L. Cheney	2d do.	18, 18	" Solon G. Gray	3d do.	16, 16
Corp'l W. E. Fairbanks	2d do.	18, 19	" S. F. Harding	3d do.	15, 16

## COMPANY C, SECOND REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. W. M. Hunt .		3d Class,	15, 15	Priv. A. C. Scott .	3d Class,	15, 17	
" Fred W. King .		3d do.	15, 15	" F. A. Springer .	3d do.	16, 16	
" W. F. Knowlton		3d do.	15, 15	" Edgar T. Waite	3d do.	15, 16	
" Fred W. Lamb		3d do.	16, 18	" F. W. Wash-			
" F. H. Longley .		3d do.	15, 15	burn .	3d do.	15, 15	
" A. S. Langley .		3d do.	15, 16	" W. E. Whitte-			
" J. B. Maynard .		3d do.	15, 15	more .	3d do.	15, 15	
" Wm. L. Robin-							
son, Jr. .	3d do.	15, 16					

## COMPANY D, SECOND REGIMENT, INFANTRY.

Capt. C. W. Brown .	S. S.,	Requal	Priv. S. H. Horn .	2d Class,	21, 23
Lt. Edgar R. Train .	S. S.,	48, 50, 50	" F. G. Kimball .	2d do.	20, 22
Lt. John P. Bleasues	S. S.,	47, 48, 47	" Oscar A. Streeter	2d do.	21, 22
1st Sgt. J. M. Priley .	S. S.,	46, 48, 47	" Robert A. Ross	2d do.	21, 21
Sgt. Thomas Rae, Jr.	S. S.,	49, 50, 50	" A. T. Streeter .	2d do.	20, 22
Priv. Frank S. Berard	S. S.,	49, 50, 48	" Chas. H. Smith	2d do.	18, 18
" Dennis J. Daley	S. S.,	44, 50, 48	" W. J. Vigeant .	3d do.	-
" Fred'k Childs .	S. S.,	46, 48, 46	Sgt. Odilon Moreau	3d do.	15, 18
" Hugh L. Elford	S. S.,	46, 49, 49	Priv. Isaac Earnest .	3d do.	17, 17
" Napol'n Emery .	S. S.,	44, 48, 46	" C. A. Howes .	3d do.	15, 18
" P. J. McGue .	S. S.,	44, 49, 47	" L. W. Howes .	3d do.	16, 20
" Charles S. Rae .	S. S.,	44, 50, 46	" W. R. Hartley .	3d do.	15, 19
" F. A. Snyder .	S. S.,	45, 48, 48	" Charles Killan	3d do.	15, 17
" John V. Brown	1st Class,	42, 44	" George F. Orrill	3d do.	15, 17
" Hugo Popp .	1st do.	43, 46	" Carl Pelott .	3d do.	15, 16
" John H. Ross .	1st do.	42, 42	" Geo. W. Sheen	3d do.	15, 16
" W. A. Robinson	1st do.	44, 48	" Geo. E. Taylor	3d do.	16, 20
Corp'l W. D. Ballard	2d do.	-	" W. Trumbley .	3d do.	17, 17
Bug. T. Bresnehan .	2d do.	20, 22	" F. S. Williams	3d do.	16, 20
Sergt. Thos. H. Peck	2d do.	19, 20	" Wm. W. Whit-		
Priv. Ed. C. Buckley	2d do.	20, 21	lock .	3d do.	15, 16
" J. K. Campbell	2d do.	18, 18	" George Nash .	3d do.	15, 16
" Chas. R. Evans	2d do.	18, 18	" F. A. Carpenter	3d do.	-
" John Gerbhardt	2d do.	19, 21	" T. W. Carroll .	3d do.	-
" Conrad V. Hein	2d do.	19, 20	" John J. Gubbins	3d do.	-

## COMPANY E, SECOND REGIMENT INFANTRY.

Priv. C. A. Hinds .	D. M.,	48, 49, 48	Sgt. G. H. Glasheen	2d Class,	18, 21
Corp'l Chas L. Grav	S. S.,	48, 49, 46	Priv. Gust Halberg .	2d do.	19, 19
Sgt. O. D. Hapgood	S. S.,	47, 50, 47	Mus. P. M. Lacasse	2d do.	18, 19
Lt. F. P. Hosmer .	S. S.,	48, 48, 46	Priv. P. H. Morgan	2d do.	20, 21
Corp'l Rector J Place	S. S.,	46, 50, 50	" Otto E. Paul .	2d do.	20, 22
Sgt. Willie B. Smith	S. S.,	46, 48, 46	" G. T. Sanger .	2d do.	19, 20
Capt. P. I. Barber .	1st Class,	42, 44	" E. L. Wrisley	2d do.	19, 22
Sgt. Edwin R. Gray	1st do.	42, 44	" A. L. Barrett .	3d do.	17, 18
Corp'l F. M. Henrich	1st do.	42, 43	" H. J. Bosquet	3d do.	17, 19
Priv. Victor M. Place	1st do.	42, 46	Corp'l W. C. Collins	3d do.	16, 17
" Frank S. Rand	1st do.	43, 42	Priv. F. M. Connor	3d do.	15, 17
" J. F. Sexton .	1st do.	42, 42	" C. P. Davis .	3d do.	16, 17
" M. F. Taylor .	1st do.	43, 48	" W. F. Doyle .	3d do.	16, 16
Corp'l F. W. Wallace	1st do.	43, 46	" G. H. Eaton .	3d do.	16, 16
Priv. G. J. Clancey .	2d do.	18, 19	" F. C. Hartson	3d do.	16, 17
" F. C. Combs .	2d do.	18, 19	" C. H. Henrich	3d do.	15, 18
" Emory E. Ellis	2d do.	18, 21	" E. J. Henrich	3d do.	16, 17
" J. D. Francis .	2d do.	19, 20	" Ira H. Jerome	3d do.	15, 18

## COMPANY E, SECOND REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sgt. F. H. Johnson .		3d Class,	16, 17	Priv. A. H. La Plant	3d Class,	16, 17	
Priv. W. A. Johnson		3d do.	15, 19	" M. J. Monahan	3d do.	17, 17	
Priv. George W. Lake		3d do.	17, 17	" W. A. Robbins	3d do.	16, 17	
Corp'l H. E. Leavitt		3d do.	17, 17	" F. A. Sampson	3d do.	16, 16	
Priv. N. Lussier .		3d do.	15, 16	" F. S. Weymouth	3d do.	17, 19	

## COMPANY F, SECOND REGIMENT INFANTRY.

Lt. H. H. Bolles .	1st Class,	44, 42	Priv. A. A. Miner .	2d Class,	17, 20
Capt. C. N. Edgell .	D. M.,	Requal.	" J. T. Morrissey	2d do.	18, 19
Sgt. G. C. Goodale .	S. S.,	48, 49, 46	Corp'l A. L. Potter .	2d do.	20, 20
Priv. C. E. Reed .	1st do.	42, 44	Priv. A. M. Stone .	2d do.	20, 21
Priv. C. A. Hinds .	1st do.	Requal.	" C. H. Webber .	2d do.	18, 21
Sgt. F. C. Batchellor	2d do.	18, 18	" A. L. Wilson .	2d do.	21, 21
Priv. J. B. Barnes .	2d do.	20, 21	" P. A. Ward .	2d do.	18, 19
" M. Cutting .	2d do.	20, 20	" O. R. Williams	2d do.	18, 20
" J. A. Cassaboom	2d do.	18, 19	Corp'l H. A. Whitney	2d do.	19, 20
" H. J. Coleman	2d do.	18, 20	Priv. W. H. Traverse	2d do.	-
Corp'l H. E. Carr .	2d do.	20, 21	" Emerson Tyler	2d do.	-
Priv. A. Clifford .	2d do.	21, 22	" Amos Derry .	2d do.	-
Sgt. W. J. Ela .	2d do.	19, 19	" H. L. Curtis .	2d do.	-
Priv. Daniel Ela .	2d do.	19, 19	" J. Cornwell .	3d do.	15, 18
Lt. A. A. Fowler .	2d do.	21, 22	" A. Doyle .	3d do.	15, 15
Priv. G. E. Goddard	2d do.	23, 24	Sgt. H. W. Goodwin	3d do.	15, 15
Sgt. A. A. Green .	2d do.	19, 19	Priv. C. J. Williams	3d do.	16, 16
Priv. E. N. Hobby .	2d do.	18, 18	" A. M. Lilley .	3d do.	-
Corp'l G. W. Jilison	2d do.	18, 18	" G. V. Kent, Jr.	3d do.	-
Priv. M. M. Knowlton	2d do.	20, 21	" H. A. Bixby .	3d do.	-
" J. M. Moore, 2d	2d do.	21, 21	" Lester N. Green	3d do.	-
" A. A. McRae .	2d do.	17, 21	" Fred W. Foster	3d do.	-
" A. J. McRae .	2d do.	18, 18			

## COMPANY G, SECOND REGIMENT INFANTRY.

Sgt. F. E. Jeannette .	S. S.,	44, 48, 47	Lt. Roger Morgan .	2d Class,	19, 19
Sgt. W. H. Owens .	S. S.,	50, 50, 48	Priv. R. M. Neidel .	2d do.	21, 22
Priv. Z. C. Talbot .	S. S.,	48, 50, 47	Corp'l P. J. Noone .	2d do.	21, 21
Priv. Burroughs E. C.			Priv. P. J. Norton .	2d do.	18, 21
Gillette .	1st Class,	47, 45	Corp'l M. J. O'Brien	2d do.	20, 21
Lt. Wm. C. Hayes .	1st do.	44, 44	Sgt. T. R. O'Brien	2d do.	18, 20
Capt. J. J. Leonard .	1st do.	48, 45	Priv. H. H. Parkhurst	2d do.	18, 19
Priv. P. W. Tansy .	1st do.	43, 44	Priv. Wm. H. Parks	2d do.	22, 22
" W. Butement .	1st do.	44, 43	Bugler W. E. Parsons	2d do.	21, 22
" G. W. Bates .	2d do.	19, 19	Priv. W. B. Pease .	2d do.	20, 20
" P. J. Bresnan .	2d do.	21, 22	Sgt. J. P. Quirk .	2d do.	20, 21
" A. W. Bumstead	2d do.	21, 21	Priv. Charles S. Rice	2d do.	18, 18
" Thos. J. Burke	2d do.	20, 20	Corp'l Frank A. Slater	2d do.	19, 19
Corp'l W. W. Clapp .	2d do.	18, 19	Priv. D. J. Spellacy .	2d do.	22, 22
Priv. P. C. Comans .	2d do.	18, 18	Corp'l T. A. Sweeney	2d do.	18, 18
" E. F. Connolly	2d do.	21, 21	Corp'l J. J. Toomey, Jr.	2d do.	18, 20
" Jerry Finn .	2d do.	18, 18	Priv. R. J. Walsh .	2d do.	18, 19
" T. J. Fitzgerald	2d do.	21, 21	" B. J. Whalen .	2d do.	18, 18
" S. Galbraith .	2d do.	23, 23	" Willie R. Clark	2d do.	-
Sgt. Wm. J. Hynes .	2d do.	18, 18	" T. J. Barrett .	3d do.	16, 17
Priv. Joseph Ledock	2d do.	20, 20	" J. H. Benson .	3d do.	16, 18
" E. J. Leyden .	2d do.	19, 19	Bugler P. J. Collins	3d do.	16, 16
" J. N. Lovely .	2d do.	18, 20	Priv. A. J. Donovan	3d do.	16, 17
" Wm. J. Maher	2d do.	18, 19	" J. W. Fenton .	3d do.	16, 17

## COMPANY G, SECOND REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv.	G. J. Fitzgerald	3d Class,	15, 16	Priv.	J. H. Rooney	3d Class,	15, 18
"	D. J. Hayes	3d do.	15, 16	"	H. J. Ryan	3d do.	15, 16
"	A. S. Haskins	3d do.	15, 16	"	J. F. Sculley	3d do.	16, 16
"	T. W. Hyde	3d do.	16, 16	"	P. E. Shea	3d do.	15, 17
"	Neil May	3d do.	16, 16	"	J. A. Smith	3d do.	17, 18
Corp'l	W. S. O'Brien	3d do.	15, 16	"	J. H. Spellman	3d do.	16, 17
Priv.	P. C. Powers	3d do.	17, 18	"	W. L. Stannard	3d do.	15, 16
"	Eber R. Reed	3d do.	17, 18	"	J. M. Sullivan	3d do.	16, 17
"	W. A. H. Robinson	3d do.	17, 18	"	Wm. P. Walsh	3d do.	15, 18
				"	F. G. Williams	3d do.	16, 16

## COMPANY H, SECOND REGIMENT INFANTRY.

Lt.	E. T. Bridges	S. S.,	48,49,46	Priv.	H. W. Burroughs	3d Class,	15 15
Sgt.	J. B. Bridges	S. S.,	47,48,46	"	Edward Britt	3d do.	16, 17
Sgt.	G. E. Arms	S. S.,	45,49,46	"	H. R. Clapp	3d do.	15, 17
Capt.	M. D. Bridges	1st Class,	45, 44	"	Lovell S. Clapp	3d do.	15, 16
Lt.	A. G. Childs	1st Class,	44, 46	"	Fred Chellis	3d do.	15, 15
Sgt.	H. H. Hayden	2d do.	23, 23	"	R. C. Clapp	3d do.	15, 18
Sgt.	F. A. Damon	2d do.	20, 23	"	Clarence E. Dole	3d do.	15, 15
Corp'l	E. A. Frary	2d do.	20, 20	"	W. H. Ennis	3d do.	16, 16
Corp'l	R. H. Burt	2d do.	22, 22	"	D. E. Furkey	3d do.	17, 17
Bug.	H. K. Briggs	2d do.	22, 24	"	G. W. Frost	3d do.	16, 16
Priv.	W. W. Arms	2d do.	18, 19	"	Eli Hawkes	3d do.	15, 19
"	C. R. Bridges	2d do.	19, 21	"	Dwight Jewett	3d do.	17, 17
"	M. K. Bridges	2d do.	19, 18	"	John McGrath	3d do.	15, 15
"	F. S. Brigham	2d do.	18, 18	"	Wm. E. Martin	3d do.	15, 17
"	E. D. Jewett	2d do.	18, 18	"	Henry Marcoe	3d do.	16, 17
"	H. F. Sanderson	2d do.	20, 21	"	A. M. Newman	3d do.	16, 18
"	S. E. Warner	2d do.	18, 20	"	C. Rhenbeck	3d do.	16, 17
Corp'l	F. A. Moebus	3d do.	16, 17	"	L. F. Richards	3d do.	15, 15
"	C. E. Higgins	3d do.	15, 19	"	Walter E. Tyler	3d do.	15, 18
"	F. L. Emery	3d do.	15, 16	"	W. W. Thayer		
Priv.	Hugh Adams	3d do.	16, 17	"	Jr.	3d do.	16, 17
"	F. D. Burnett	3d do.	17, 18	"	Wm. Thayer	3d do.	15, 16
"	E. Beaushamp	3d do.	17, 17	"	F. E. Williams	3d do.	16, 16
"	E. F. Bundy	3d do.	15, 16				

## COMPANY I, SECOND REGIMENT INFANTRY.

Sgt.	D. J. Moynihan	1st Class,	46, 48	Mus.	L. Hebert	3d Class,	16, 17
"	F. M. Crittenden	1st do.	44, 48	Priv.	G. E. Boss	3d do.	16, 18
"	H. H. Crittenden	1st do.	45, 43	"	G. N. Burt	3d do.	15, 18
Priv.	G. E. Clark	1st do.	42, 43	"	F. Colton	3d do.	16, 16
Lt.	R. E. Southwick	2d do.	18, 20	"	E. W. Fenn	3d do.	15, 19
Priv.	F. E. Austin	2d do.	19, 19	"	J. Finn	3d do.	15, 16
"	J. W. Fenton	2d do.	19, 19	"	J. Flynn	3d do.	17, 19
"	E. L. Pelletier	2d do.	18, 18	"	J. W. Goodwin	3d do.	16, 16
"	C. J. Ryan	2d do.	18, 19	"	G. W. Gunn	3d do.	16, 18
"	H. Shaw	2d do.	19, 19	"	P. Haughton	3d do.	16, 18
"	H. W. Wells	2d do.	21, 22	"	N. Laplant	3d do.	15, 15
Capt.	H. L. Williams	3d do.	15, 18	"	G. M. Locke	3d do.	17, 19
Lt.	G. P. Allen	3d do.	16, 17	"	J. Lucier	3d do.	17, 21
Sgt.	A. C. Thompson	3d do.	17, 19	"	C. W. Moynihan	3d do.	17, 19
Sgt.	G. A. Thayer	3d do.	16, 18	"	W. A. Noble	3d do.	15, 16
Corp'l	W. C. Thayer	3d do.	16, 17	"	C. P. Pettis	3d do.	17, 21
"	William Gray	3d do.	16, 16	"	T. A. Furse-glove	3d do.	15, 18
"	W. C. Wetherell	3d do.	15, 16	"	H. V. Schadee	3d do.	16, 19
"	L. P. Wood	3d do.	15, 20				

## COMPANY I, SECOND REGIMENT INFANTRY — Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. C. H. Warner .		3d Class,	17, 18	Priv. G. A. Brown .	3d Class,	17, 17	
" W. H. Webster .		3d do.	16, 16	" J. R. Gilfillan .	3d do.	16, 17	
" Wm. Wenzel .		3d do.	15, 16	" C. W. Puffer .	3d do.	16, 18	

## COMPANY K, SECOND REGIMENT INFANTRY.

Sgt. Geo. W. Bolles .	S. S.,	48,48,47	Priv. H. A. Goodrich	2d Class,	19, 19
Priv. P. M. Dodge .	S. S.,	46,48,47	" Harry Graves .	2d do.	18, 18
Sgt. S. B. Eastman .	S. S.,	44,48,46	" C. W. Glazier .	2d do.	18, 20
Mus. F. A. Eastman .	S. S.,	44,48,46	" F. W. Juckett .	2d do.	20, 20
Lt. W. A. Thayer .	S. S.,	44,48,46	" John McKenna .	2d do.	18, 18
Lt. C. E. Rogers .	S. S.,	46,49,46	" Louis Musante .	2d do.	18, 20
Sgt. F. S. Talmadge .	S. S.,	44,48,46	" Patrick Murphy .	2d do.	20, 21
Priv. C. H. Williams .	S. S.,	45,48,47	" G. M. Parker .	2d do.	18, 18
Corp'l S. R. Brown .	1st Class,	42, 42	" R. M. Redding .	2d do.	18, 20
Sgt. J. C. Doherty .	1st do.	42, 42	" T. C. Studley .	2d do.	18, 18
Priv. F. W. Edgington	1st do.	42, 42	" Wm. Sullivan .	2d do.	18, 18
Corp'l Wm. Esip .	1st do.	42, 44	" John J. Brett .	2d do.	16, 19
Priv. G. L. Hawley .	1st do.	42, 42	" John McBlisshop	3d do.	15, 15
Sgt. Silas E. Jay .	1st do.	42, 42	" Eber Blanchard .	3d do.	15, 16
Corp'l Wm. Kelley .	1st do.	42, 43	" John C. Barry .	3d do.	16, 18
Corp'l H. L. Merritt .	1st do.	42, 42	" B. F. Brown .	3d do.	16, 16
Capt. E. G. Thayer .	1st do.	42, 42	" C. C. Connors .	3d do.	18, 18
Priv. H. Tillson .	1st do.	42, 42	" I. Crompton .	3d do.	15, 15
" C. S. Tillson .	1st do.	42, 42	" Otto P. Hurlbert .	3d do.	17, 17
" C. A. Tucker .	1st do.	42, 43	" Fred B. Holden .	3d do.	15, 16
" D. G. Williams .	1st do.	42, 42	" Thos. Maloney .	3d do.	17, 18
" A. H. Wales .	1st do.	43, 43	" Earl N. Morse .	3d do.	15, 15
" I. E. Boovin .	2d do.	19, 19	" Frank P. Moran .	3d do.	15, 15
" Chas. H. Bias .	2d do.	18, 18	" H. H. Wolcott .	3d do.	15, 18
" H. M. Brown .	2d do.	18, 19	" O. E. Wolcott .	3d do.	15, 16
" J. V. B. Brown .	2d do.	18, 19	" W. O. Wilson .	3d do.	15, 15
" Joseph A. Buck .	2d do.	20, 21	" Amos Ward .	3d do.	15, 16
" Mark H. Buckman .	2d do.	18, 19			

## COMPANY L, SECOND REGIMENT INFANTRY.

Lt. F. B. Felton .	D. M.,	48,50,48	Priv. N. Blonin .	2d Class,	Requal.
Priv. H. Johnson .	D. M.,	47,48,48	" F. H. Clapp .	2d do.	19, 19
" F. M. Munson .	S. S.,	45,50,49	" C. C. Class .	2d do.	18, 19
" H. J. Stearns .	S. S.,	45,50,47	" P. E. Fitzgerald .	2d do.	18, 19
Sgt. E. S. Rockwood .	1st Class,	45, 45	" C. H. Goodnow .	2d do.	18, 20
Sgt. J. R. Bickford .	1st do.	47, 46	Mus. C. H. Hall .	2d do.	18, 20
Corp'l F. B. Mason .	1st do.	44, 43	Priv. C. Hickey .	2d do.	19, 20
Corp'l G. H. Stearns .	1st do.	44, 43	" J. E. Hohner .	2d do.	Requal.
Priv. F. C. Aiston .	1st do.	42, 42	" S. Kennedy .	2d do.	19, 19
" S. H. Burroughs .	1st do.	Requal.	" R. A. Lee .	2d do.	19, 19
" J. W. Elder .	1st do.	Requal.	" H. O. Rockwood .	2d do.	18, 20
" F. O'Brien .	1st do.	42, 42	" J. H. Sears .	2d do.	19, 23
Capt. F. E. Pierce .	2d do.	20, 20	" J. F. Stark .	2d do.	18, 18
Lt. C. H. Field .	2d do.	18, 18	" C. O. Wells .	2d do.	19, 20
Sgt. E. P. Harrison .	2d do.	20, 23	" H. M. Woodard .	2d do.	18, 19
Sgt. J. H. Smead .	2d do.	19, 20	" J. E. Yetter .	2d do.	20, 20
Corp'l C. E. Winslow .	2d do.	18, 19	" E. H. Baker .	3d do.	15, 17
Corp'l E. R. Sears .	2d do.	20, 21	" A. T. Beals .	3d do.	15, 20
Priv. D. A. Aldrich .	2d do.	18, 19	" C. F. Blodgett .	3d do.	15, 17
" J. M. Bitzer .	2d do.	18, 19	" M. Chase .	3d do.	15, 16

## COMPANY L, SECOND REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv.	J. F. Ferrestall	3d Class,	15, 16	Priv.	B. M. Dow	3d Class,	-
"	W. H. Miller	3d do.	15, 16	"	J. L. Fegan	3d do.	-
"	H. E. Potter	3d do.	16, 20	"	G. R. Loomis	3d do.	-
"	M. J. Powers	3d do.	15, 18	"	J. W. Magrath	3d do.	-
"	C. J. Rist	3d do.	16, 16	"	F. A. Morey	3d do.	-
"	F. T. Seaman	3d do.	16, 18	"	G. R. Nash	3d do.	-
"	P. Wayand	3d do.	15, 17	"	J. B. Smead	3d do.	-
"	C. Wise	3d do.	15, 16	"	M. F. Withed	3d do.	-
"	H. Murphy	3d do.	15, 16				

## COMPANY M, SECOND REGIMENT INFANTRY.

Capt.	R. A. Whipple	D. M.,	48,50,48	Priv.	Charles Plank	2d Class,	18, 20
Corp'l	J. C. Cadigan	D. M.,	50,50,48	"	Wm. Rice	2d do.	20, 21
Lt.	H. O. Hicks	S. S.,	50,50,49	"	J. Robinson	2d do.	20, 20
Sgt.	E. J. Laferriere	S. S.,	Requal.	"	Gustave Smith	2d do.	18, 21
Sgt.	M. N. Lothrop	S. S.,	48,48,46	"	G. A. Wells	2d do.	20, 21
Corp'l	G. F. Sayles	S. S.,	Requal.	Sgt.	P. Hennessy	3d do.	16, 18
Priv.	G. E. Whipple	S. S.,	Requal.	Corp'l	M. F. Welch	3d do.	16, 19
Lt.	Ezra N. Jones	1st do.	48, 48	Priv.	E. L. Ainslie	3d do.	17, 17
Sgt.	G. E. Simmons	1st do.	46, 44	"	Thomas Best	3d do.	16, 18
Priv.	Fred. E. Busby	1st do.	47, 46	"	Chas. Carlow	3d do.	15, 18
"	M. S. Glasier	1st do.	45, 42	"	G. Cartwright	3d do.	15, 16
"	E. F. Nimmons	1st do.	45, 43	"	G. M. Chase	3d do.	16, 19
Sgt.	Wm. O'Brien	2d do.	22, 22	"	John Conway	3d do.	15, 15
Corp'l	W. Hodecker	2d do.	19, 20	"	G. J. Crosier	3d do.	17, 17
Corp'l	B. E. Millman	2d do.	21, 22	"	Wm. Gavin	3d do.	16, 17
Bug.	J. S. Bordeleau	2d do.	21, 21	"	C. F. Hathaway	3d do.	15, 17
Priv.	S. J. Covey	2d do.	18, 19	"	R. W. Hunter	3d do.	17, 19
"	E. L. Delancy	2d do.	21, 22	"	J. E. Kershaw	3d do.	15, 17
"	D. R. Dynes	2d do.	19, 18	"	Victor King	3d do.	15, 16
"	A. Gadway	2d do.	21, 22	"	Peter McBride	3d do.	15, 18
"	Levi Gravel	2d do.	21, 21	"	L. Purcell	3d do.	15, 17
"	Gilbert A. Harrington,	2d do.	20, 20	"	E. Rolland, Jr.	3d do.	15, 18
"	Frank Hiser	2d do.	19, 20	"	Frank Rolland	3d do.	16, 17
"	Wm. Lacy	2d do.	18, 20	"	H. J. Ruel	3d do.	16, 17
"	Wm. Mascraft	2d do.	18, 19	"	John Sturm	3d do.	16, 17
"	F. McNulty	2d do.	18, 19	"	Wm. Carlow	3d do.	-
"	Wm. Moore,	2d do.	18, 20	"	D. Meiklejohn	3d do.	-
				"	John Sullivan	3d do.	-

## FIELD AND STAFF, SIXTH REGIMENT INFANTRY.

Lt.	James W. Jones	1st Class,	48, 49	Lt.	O. P. Porter	2d Class,	19, 22
Sgt. Maj.	F. P. Val-engine	1st do.	45, 45	Lt.	E. L. Tucker	2d do.	18, 20
Maj.	G. H. Chaffin	2d do.	22, 21	Sgt.	C. H. Greenwood	2d do.	-
Lt.	John M. Carpenter	2d do.	21, 18	Maj.	G. H. Taylor	S. S.	-
Maj.	C. K. Darling	2d do.	20, 22	Lt. Col.	C. F. Woodward	3d do.	-
Col.	Henry Parsons	2d do.	18, 18				

## COMPANY A, SIXTH REGIMENT INFANTRY.

Capt.	E. W. Gihon	D. M.,	50,49,47	Priv.	J. H. Keough	D. M.,	49,50,47
Sgt.	Frank E. Gray	D. M.,	48,49,49	Bug.	P. S. Killam	D. M.,	48,50,46
Corp'l	Roger Howard	D. M.,	50,50,48	Lt.	P. J. Flanders	S. S.,	44,49,47

## COMPANY A, SIXTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sgt. E. E. Morrison .	S. S.,		46,48,46	Priv. M. E. Sliney .	2d Class,		18, 19
Priv. W. R. Murphy .	S. S.,		50,49,46	" W. Sweetser .	2d do.		18, 18
Sgt. John L. Orr .	S. S.,		48,50,49	" H. W. Stoddard .	2d do.		18, 18
Corp'l Charles Bridge	1st Class.		43, 47	" J. Sutherland .	2d do.		18, 19
Sgt. William E. Gray	1st do.		45, 47	" John Stock .	2d do.		19, 20
Priv. Dion A. Malone	1st do.		43, 43	" Geo. J. Thrush .	2d do.		19, 20
Sgt. C. F. Parker .	1st do.		43, 45	" Lee Tupper .	2d do.		18, 22
Priv. H. H. Sweetser	1st do.		42, 44	" Alvin M. Wood-			
Lt. C. E. Walton .	1st do.		43, 46	man .	2d do.		18, 18
Corp'l A. J. Walton .	1st do.		42, 46	" Levi Balmforth .	2d do.		16, 16
Priv. G. W. Abbott .	2d do.		18, 20	" H. Blenkhorn .	3d do.		15, 16
" M. H. Anderson	2d do.		18, 20	" P. J. Bowker .	3d do.		16, 16
" C. W. Cheever .	2d do.		18, 18	" E. C. Corbin .	3d do.		15, 16
" G. W. Chesley .	2d do.		18, 18	" Geo. A. Dean .	3d do.		17, 17
" Fred B. Cutter	2d do.		18, 20	" Manuel Dingle .	3d do.		15, 16
" M. A. Dunshee	2d do.		18, 20	" Wm. Feindle .	3d do.		15, 17
" John Dragan .	2d do.		18, 18	" H. A. Feindle .	3d do.		15, 16
" J. J. Gleason .	2d do.		18, 18	" George H. Hall .	3d do.		15, 15
" Frank N. Har-				" H. E. Hooper .	3d do.		15, 15
ington .	2d do.		18, 20	" Geo. E. Larose .	3d do.		15, 16
" E. A. Harris .	2d do.		20, 22	" John Logan .	3d do.		16, 18
" William G. C.				" J. H. McMahan .	3d do.		16, 18
Horton .	2d do.		18, 19	" C. S. Oliver .	3d do.		16, 16
Corp'l N. H. Hawes	2d do.		18, 18	" G. O. Russell .	3d do.		15, 16
Priv. Fred L. Knight	2d do.		19, 19	" F. E. Stoddard .	3d do.		16, 16
" H. F. Lawrence	2d do.		18, 18	" C. J. Taber .	3d do.		16, 16
" S. McGregor .	2d do.		18, 19	Corp'l C. J. Washburn	3d do.		16, 17
" J. D. Murphy .	2d do.		18, 18	Corp'l F. A. Weldon	3d do.		16, 16
" A. D. Oxley .	2d do.		18, 18	Priv. Fred F. Wilder	3d do.		16, 16
" W. E. Russell .	2d do.		19, 19	Priv. S. Fred Wiggin	3d do.		15, 18

## COMPANY B, SIXTH REGIMENT INFANTRY.

Capt. Geo. H. Priest	1st Class,	45, 43	Priv. G. E. Howard .	2d Class,	19, 19
Corp'l F. A. Tolman	1st do.	44, 48	" H. D. Littlehale	2d do.	20, 20
Corp'l Geo. E. Walls	1st do.	42, 42	" Chas. U. Miller	2d do.	18, 18
Priv. H. W. Hayes .	1st do.	42, 43	" D. R. Nichols .	2d do.	20, 22
" J. W. Howard	1st do.	42, 46	" E. H. Nutting .	2d do.	18, 19
" N. H. Mackay	1st do.	44, 45	" T. C. Nutting .	2d do.	18, 19
" Chas. F. Morse	1st do.	44, 43	" Chas. E. Oliver	2d do.	18, 20
" E. E. Taylor .	1st do.	45, 44	" H. H. Perley .	2d do.	18, 18
Lt. H. D. Moulton .	2d do.	19, 18	" C. W. Robinson	2d do.	Requal.
Lt. D. W. Colburn .	2d do.	18, 18	" Geo. T. Sands .	2d do.	19, 21
1st Sgt. E. A. Bruce	2d do.	18, 18	" James C. Smith	2d do.	19, 20
" A. R. Fellows .	2d do.	20, 20	" E. E. Tennant .	2d do.	19, 19
" H. N. Lawrence	2d do.	19, 19	" Geo. E. Tootill	2d do.	18, 21
" Ernest V. Rugg	2d do.	18, 19	" Wm. A. Wright	2d do.	19, 21
Mus. Geo. M. Piper .	2d do.	19, 19	Corp'l Frank A. Bliss	3d do.	15, 16
Priv. H. B. Allen .	2d do.	19, 19	Corp'l W. J. Robinson	3d do.	17, 17
" W. C. Bigelow	2d do.	18, 18	Priv. H. K. Bennett .	3d do.	15, 15
" W. H. Bouteille	2d do.	19, 19	" Edw. B. Curtis	3d do.	15, 17
" W. H. L. Brooks	2d do.	18, 19	" D. I. Dewey .	3d do.	15, 17
" W. G. Classon	2d do.	18, 21	" R. F. Fairbanks	3d do.	15, 15
" Frank E. Craig	2d do.	19, 20	" H. D. Follett .	3d do.	15, 20
" G. E. Demack .	2d do.	19, 22	" J. E. McClure .	3d do.	16, 17
" A. A. Demmon	2d do.	20, 21	" H. E. McKenney	3d do.	15, 16
" A. Dongworth .	2d do.	18, 19	" Fred S. Moore .	3d do.	16, 17
" J. Dongworth .	2d do.	21, 22	" Wm. K. Morse	3d do.	15, 18
" Alex. S. Ewen .	2d do.	18, 19	" Chas. P. Smith	3d do.	15, 16
" Carl L. Fallon .	2d do.	22, 23	" E. L. Starkey .	3d do.	16, 18
" Frank V. Gilson	2d do.	18, 19	" Edw. Svenson .	3d do.	15, 18

## COMPANY B, SIXTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. L. E. Tenney .		3d Class,	16, 17	<i>Sgt. H. W. Huntley .</i>		3d Class,	-
" Gerry E. Wells		3d do.	15, 17	<i>Priv. R. T. Brooks .</i>		3d do.	-
" E. B. Wright .		3d do.	16, 19				

## COMPANY C, SIXTH REGIMENT INFANTRY.

Sgt. A. B. Peters .	S. S.,	46,49,46	Priv. A. Goodridge .	2d Class,	18, 23
Sgt. G. C. Wenden .	S. S.,	Requal.	" W. Harnston .	2d do.	18, 18
Corp'l A. D. Colby .	S. S.,	48,48,50	" A. P. Heath .	2d do.	19, 19
Mus. F. C. Stevens .	S. S.,	49,50,46	" B. W. Kelly .	2d do.	20, 22
Priv. H. P. Board-			" W. L. Kinsella	2d do.	19, 20
man .	S. S.,	46,49,46	" W. T. Meagher	2d do.	18, 18
" G. V. Cutting .	S. S.,	44,49,49	" H. Midgley .	2d do.	18, 19
" W. C. Gannon .	S. S.,	50,50,50	" W. J. Robinson	2d do.	20, 22
Lt. A. D. Prince .	1st Class,	43, 42	" S. Waterworth	2d do.	18, 18
Lt. Alex. Greig, Jr.,	1st do.	42, 44	" A. Lybrand .	2d do.	-
Sgt. S. S. Cunning-			" C. H. Additon .	2d do.	19, 19
ham .	1st do.	42, 45	" C. R. De Catur .	2d do.	-
Sgt. H. T. B. Richard-			" W. E. Farris .	2d do.	-
son .	1st do.	45, 45	" C. F. Graham .	2d do.	-
Corp'l F. I. Costello .	1st do.	43, 42	" J. M. Book .	3d do.	16, 17
Priv. G. E. Ahlberg .	1st do.	Requal.	" A. C. Emerson	3d do.	15, 18
" W. J. Hurd .	1st do.	45, 45	" A. Hersome .	3d do.	16, 16
" B. J. Pearson .	1st do.	42, 43	" Otto Nelson .	3d do.	15, 16
" I. B. Romaine .	1st do.	-	" C. W. Pihl .	3d do.	15, 16
" Charles Wilson	1st do.	42, 50	" C. W. Russell .	3d do.	15, 18
Corp'l F. D. Costello	2d do.	20, 20	" H. W. Steven-		
" E. W. Daley .	2d do.	19, 21	son .	3d do.	16, 16
" T. Livingston .	2d do.	20, 20	" C. O. Stevens .	3d do.	15, 15
Priv. A. Ashworth .	2d do.	21, 22	Corp'l J. J. Nichols .	3d do.	-
" G. F. Beharrell	2d do.	Requal.	Priv. R. J. Hodges .	3d do.	-
" J. F. Boyle .	2d do.	19, 20	" Ezra A. Nichols	3d do.	-
" H. W. Crooker	2d do.	20, 23	" F. L. Roberts .	3d do.	-
" Edw. J. Gannon	2d do.	Requal.			

## COMPANY D, SIXTH REGIMENT INFANTRY.

Capt. J. E. McConnell	1st Class,	42, 44	Priv. J. J. Sullivan .	2d Class,	19, 19
Lt. J. J. Driscoll .	1st do.	42, 43	<i>Sgt. J. J. Shea .</i>	2d do.	-
Sgt. J. F. Bresnahan	1st do.	42, 43	<i>Corp'l P. J. Conlon .</i>	2d do.	-
Sgt. J. F. McDowell	1st do.	43, 42	<i>Priv. G. W. Fagan .</i>	2d do.	-
Priv. W. L. Conroad	1st do.	42, 43	" E. Lapan .	2d do.	-
" L. F. Fagan .	1st do.	42, 43	" M. Riordan .	2d do.	18, 19
" H. F. Lougee .	1st do.	44, 43	" G. F. Brody .	3d do.	15, 17
" J. J. McDowell	1st do.	43, 43	" Edw. H. Burns	3d do.	15, 17
Lt. J. F. McNamara	2d do.	20, 20	" M. F. Fahey .	3d do.	16, 17
Sgt. C. M. Lynch .	2d do.	18, 19	" W. F. Lougee .	3d do.	15, 16
Corp'l W. H. Brody	2d do.	19, 19	" R. O'Donnell .	3d do.	15, 16
" J. J. Kittredge .	2d do.	20, 21	" W. J. Sawyer .	3d do.	16, 16
" A. J. Whelan .	2d do.	18, 18	" John Taylor .	3d do.	15, 15
Priv. J. F. Collins .	2d do.	18, 18	" J. A. Goodroad	3d do.	17, 18
" J. T. Gallagher	2d do.	18, 19	" R. F. Wilson .	3d do.	15, 19
" M. Killeen .	2d do.	19, 21	" James Farron .	3d do.	-
" E. H. Meegan .	2d do.	18, 18	Corp'l J. W. Malone .	3d do.	-
" P. J. Moran .	2d do.	19, 19	Priv. J. McGorley .	3d do.	-
" J. F. Shea .	2d do.	18, 19			

## COMPANY E, SIXTH REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. G. F. Howland		1st Class,	43, 42	Priv. E. S. Taylor	2d Class,	20, 20	
Lt. J. W. Jones		1st do.	47, 43	" G. F. Thomas	2d do.	20, 20	
Corp'l H. E. Miller		1st do.	45, 48	" J. A. Winchen-			
Priv. H. W. Simpson		1st do.	42, 46	baugh	2d do.	21, 21	
Sgt. F. P. Valentine		1st do.	44, 45	" A. R. Yates	2d do.	18, 19	
Corp'l J. C. Valentine		1st do.	48, 47	" Harry E. Bacon	3d do.	15, 16	
Priv. C. Adams		2d do.	18, 18	" F. D. Blake	3d do.	15, 17	
Lt. W. A. Brown		2d do.	18, 19	" G. M. Bent	3d do.	15, 15	
Sgt. W. F. Blake		2d do.	18, 20	" A. W. Coleman	3d do.	15, 16	
Sgt. Geo. Beard		2d do.	20, 21	" C. W. Coolidge	3d do.	17, 17	
Corp'l Harry A. Bent		2d do.	18, 19	" W. B. Chace	3d do.	15, 18	
Priv. A. E. Bent		2d do.	19, 20	" C. H. B. Chapin	3d do.	15, 17	
Corp'l M. C. Brown		2d do.	20, 22	" Wilbur Drury	3d do.	15, 16	
Priv. M. J. Brown		2d do.	18, 19	" Felix Dora	3d do.	16, 17	
" I. S. Cunning-				" W. H. Frank-			
ham	2d do.	18, 18		land	3d do.	15, 16	
" E. Dickinson	2d do.	18, 20		" W. F. Frankland	3d do.	15, 17	
" E. L. Eames	2d do.	18, 19		" J. W. Gove	3d do.	16, 17	
Sgt. H. W. Fay	2d do.	21, 23		" C. F. Garfield	3d do.	16, 18	
Corp'l F. T. Fisher	2d do.	22, 22		" A. K. Greenlaw	3d do.	15, 17	
Sgt. A. I. Hunting	2d do.	21, 21		" Jas. I. Hamilton	3d do.	17, 19	
Priv. E. A. Isham	2d do.	18, 19		" I. M. Hamilton	3d do.	16, 17	
Capt. F. E. Miller	2d do.	18, 21		" F. L. Harding	3d do.	16, 17	
Priv. H. J. Metcalf	2d do.	18, 19		" W. F. Howland	3d do.	16, 16	
" A. A. Morse	2d do.	19, 21		Sgt. C. A. Hunting	3d do.	17, 18	
" W. E. Morse	2d do.	19, 20		Priv. Geo. H. Marcy	3d do.	15, 16	
" C. E. Morse	2d do.	18, 19		" Fred W. Mace	3d do.	15, 18	
Corp'l J. S. McNeilly	2d do.	20, 20		" R. J. McCann	3d do.	15, 16	
Priv. A. P. McPherson	2d do.	18, 19		" H. D. Neary	3d do.	16, 18	
" J. F. McPherson	2d do.	18, 19		" G. H. Pride	3d do.	16, 22	
" F. S. Nourse	2d do.	19, 20		" Geo. W. Rock	3d do.	17, 18	
" R. S. Place	2d do.	21, 21		" D. M. Travis	3d do.	15, 15	
" F. N. Proctor	2d do.	20, 20		" B. E. Wells	3d do.	15, 16	
" D. C. Raymond	2d do.	19, 19		" G. F. Whitte-			
" H. W. Reynolds	2d do.	18, 18		more	3d do.	15, 17	
Mus. J. S. Rockwood	2d do.	18, 19					

## COMPANY F, SIXTH REGIMENT INFANTRY.

Sgt. C. F. Stratford	1st Class,	Requal.	Priv. C. W. Holbrook	2d Class,	19, 19
Corp'l G. W. Olmstead	1st do.	Requal.	Sgt. Chas. H. Banks	3d do.	15, 16
Capt. T. E. Jackson	2d do.	19, 21	Corp'l J. E. McGee	3d do.	15, 15
Lt. Geo. A. Devlin	2d do.	20, 21	Priv. G. C. Brigham	3d do.	15, 17
Lt. H. B. Chamber-			" W. J. D. Brown	3d do.	16, 17
lain	2d do.	20, 21	" J. H. Dow	3d do.	15, 16
Sgt. E. L. Morse	2d do.	21, 21	" C. E. Jandrué	3d do.	15, 16
Sgt. Wm. H. Finn	2d do.	18, 19	" E. E. Merritt	3d do.	17, 20
Corp'l Fred Smith	2d do.	18, 18	" F. L. Riley	3d do.	16, 18
" Chas. L. Stone	2d do.	18, 18	" J. L. Tredo	3d do.	15, 15
" W. B. Jacques	2d do.	20, 20	" M. F. Tambo	3d do.	16, 18
" T. F. English	2d do.	18, 21	" G. E. Stone	3d do.	17, 17
" F. W. Stronach	2d do.	18, 19	" V. C. Holt	3d do.	15, 19
Priv. A. W. Hosmer	2d do.	18, 19	" L. A. Russell	3d do.	16, 16
" H. G. Lively	2d do.	18, 18	" I. S. Dunn	3d do.	15, 17
" W. H. Swift	2d do.	18, 21			

## COMPANY G, SIXTH REGIMENT INFANTRY.

Priv. Alfred Davis	D. M.,	44, 48, 48	Sgt. Emery S. Soule	S. S.,	46, 48, 48
Sgt. Frank L. Mealey	S. S.,	47, 48, 46	Capt. Edward B. Carr	1st Class,	42, 43

## COMPANY G, SIXTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. M. T. Cowen .		1st Class,	42, 43	Priv. F. J. Tobin .	2d Class,	18, 19	
Lt. Wm. Fairweather		1st do.	Requal.	" F. T. Weeks .	2d do.	19, 20	
Sgt. Henry H. Farr .		1st do.	45, 43	" W. W. Wiley .	2d do.	20, 21	
" L. G. Hunton .		1st do.	42, 43	" F. D. Aubrey .	2d do.	-	
" Oscar S. Jones .		1st do.	Requal.	Corp'l W. H. Whitston	2d do.	18, 19	
Priv. Edwin G. Baker		2d do.	21, 24	Priv. Frank M. Bell	3d do.	17, 18	
Priv. Harry H. Bond		2d do.	18, 19	" Archie E. Crafts	3d do.	15, 15	
Corp'l J. W. Bussell .		2d do.	21, 21	" F. X. Destalair	3d do.	15, 16	
Priv. W. J. Cassidy		2d do.	20, 22	Sgt. Frank Dodge .	3d do.	17, 19	
" E. R. Delmage		2d do.	20, 22	Priv. C. L. Gardner .	3d do.	17, 17	
" Gilbert Forgays		2d do.	18, 18	" J. R. Gelineas .	3d do.	16, 17	
" J. T. Forgays		2d do.	19, 19	" D. J. Geroux .	3d do.	15, 17	
Corp'l Fred G. Hillis		2d do.	20, 20	" F. H. Green-			
Lt. Geo. S. Howard		2d do.	18, 20	wood .	3d do.	15, 15	
Bug. W. C. Jaques .		2d do.	20, 20	" James Henry .	3d do.	16, 16	
Priv. B. Kearnes		2d do.	18, 19	" John A. Lynn	3d do.	17, 20	
" C. H. McCul-				" W. R. Magoon	3d do.	15, 16	
lough .		2d do.	18, 19	" C. H. McKenny	3d do.	15, 18	
" W. F. Miles		2d do.	18, 19	" J. H. Sullivan .	3d do.	15, 18	
" C. H. Morrisbn		2d do.	19, 21	" C. W. Thurston	3d do.	15, 16	
" J. H. Pearson .		2d do.	18, 21	" Colin Campbell	3d do.	-	
Corp'l Richard Place		2d do.	18, 21	" Harry Galley .	3d do.	-	
Priv. Chas. E. Poor .		2d do.	21, 21	" W. E. Golden .	3d do.	-	
Priv. Austin Rall .		2d do.	18, 19	Corp'l F. J. Mattoon	3d do.	-	
Sgt. Ora W. Smith .		2d do.	18, 19				

## COMPANY H, SIXTH REGIMENT INFANTRY.

Sgt. W. E. Sweetser .	D. M.,	50, 50, 47	Priv. J. F. Magner .	2d Class,	18, 18
Sgt. B. A. Freeman .	1st Class,	44, 47	" D. A. Stevens .	2d do.	18, 20
Priv. Geo. Durward .	1st do.	48, 43	" J. W. Reynolds	2d do.	18, 18
" R. F. Chase .	1st do.	47, 43	" G. W. Thayer .	2d do.	19, 19
" C. R. Kollock .	1st do.	42, 49	Lt. F. F. Green .	3d do.	16, 18
" P. A. Mansfield	1st do.	48, 48	Sgt. J. E. Johnson .	3d do.	15, 16
" A. W. Nason .	1st do.	44, 44	Mus. F. A. Wilkins	3d do.	16, 18
" A. N. Newhall .	1st do.	46, 43	Priv. F. R. Alberty .	3d do.	16, 16
Corp'l G. R. Barnstead	1st do.	23, 23	" Geo. Alberty .	3d do.	16, 17
" N. G. Evans .	1st do.	22, 28	" M. F. Ames .	3d do.	15, 16
" W. S. Hurd .	1st do.	21, 21	" W. H. Blake .	3d do.	17, 19
" C. W. Hough-			" T. F. Breagy .	3d do.	16, 16
ton .	1st do.	23, 24	" A. H. Cass .	3d do.	16, 21
" James Quinn .	1st do.	20, 21	" W. H. Green .	3d do.	16, 18
" H. A. Thayer .	1st do.	18, 18	" A. A. Green .	3d do.	16, 16
Priv. A. L. Bean .	1st do.	18, 19	" H. L. Hanson .	3d do.	17, 18
" H. J. Bean .	1st do.	18, 19	" F. D. Hawes .	3d do.	15, 17
" R. E. Bemis .	1st do.	18, 19	" W. E. Johnson	3d do.	16, 18
" F. O. Berry .	1st do.	19, 20	" H. L. King .	3d do.	16, 18
" E. Byrnes .	1st do.	19, 20	" J. G. Lawrence	3d do.	15, 19
" C. E. Cloutman	1st do.	18, 19	" W. McMahon .	3d do.	16, 20
" L. E. Durfee .	1st do.	18, 20	" G. E. Mason .	3d do.	15, 17
" John Gilson .	1st do.	21, 22	" T. E. Noyes .	3d do.	16, 16
" John Glynn .	1st do.	21, 21	" Peter Quinn .	3d do.	17, 17
" C. D. Harris .	1st do.	23, 23	" W. H. Park .	3d do.	15, 16
" O. W. Hough-			" E. S. Ramsdell	3d do.	15, 15
ton .	1st do.	23, 24	" A. B. Tinkham	3d do.	17, 19
" J. A. Keenan .	1st do.	18, 18	" G. F. Temple .	3d do.	17, 19
Capt. S. G. Sweetser	2d do.	18, 19	" Geo. L. Tabbutt	3d do.	17, 19
Lt. E. F. West .	2d do.	18, 19	" G. B. Williams	3d do.	16, 17
Sgt. D. E. Magner .	2d do.	18, 19	" E. L. Wright .	3d do.	17, 19
Sgt. A. J. Nowell .	2d do.	18, 20			

## COMPANY I, SIXTH REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sgt B. A. Battles	S. S.,		45,50,47	Priv. H. B. Jackson	2d Class,		19, 18
Priv. W. A. Bennett	S. S.,		46,48,47	" John E. Loring	2d do.		18, 18
Capt. F. E. Cutter	S. S.,		50,49,48	" J. L. McCarthy	2d do.		20, 19
Priv. George Faber	S. S.,		49,50,46	" F. E. McDonald	2d do.		20, 20
Sgt. Thomas L. Giles	S. S.,		44,48,46	" C. J. McGovern	2d do.		18, 18
Priv. G. W. Holden	S. S.,		44,50,49	" J. T. McManus	2d do.		19, 19
Corp'l E. L. Miner	S. S.,		46,49,47	" F. B. Munroe	2d do.		18, 18
Sgt. J. Bordman, Jr.	1st Class,		49, 50	" T. P. Movlan	2d do.		19, 19
Priv. W. A. Buttrick	1st do.		44, 43	" C. P. G. Pierce	2d do.		21, 21
Lt. Cyrus H. Cook	1st do.		47, 44	" Wm. J. Reed	2d do.		21, 19
Priv. S. Carl Fuller	1st do.		43, 45	" W. G. Rodway	2d do.		18, 18
" George G. King	1st do.		42, 44	" J. O. Smith	2d do.		20, 18
" Jas. W. Nagle	1st do.		45, 44	" Frank R. Vieira	2d do.		18, 18
Corp'l B. F. Smith	1st do.		44, 45	" J. H. Watkins	2d do.		19, 19
Lt. Samuel H. Tuttle	1st do.		42, 43	Corp'l Walter M. Bush	2d do.		21, 19
Priv. R. N. Wheeler	1st do.		47, 48	" C. Andersen	3d do.		17, 15
" Fred J. D. Bam-				" John M. Collins	3d do.		16, 16
forth	2d do.		20, 18	" P. A. Davis	3d do.		18, 16
" Geo. A. Barker	2d do.		21, 20	" E. F. Dempsey	3d do.		18, 16
" H. W. Brigham	2d do.		19, 18	" J. J. Fitzgerald	3d do.		18, 15
Corp'l T. F. Collins	2d do.		19, 18	" G. P. Hagerty	3d do.		18, 15
Priv. Edwin Conant,				" J. W. Hagerty	3d do.		18, 16
2d	2d do.		18, 18	" H. J. Hansen	3d do.		19, 16
Sgt. John W. Cull	2d do.		20, 19	" J. B. Hayes	3d do.		17, 15
Priv. C. C. Davis	2d do.		20, 19	" C. J. Hogan	3d do.		20, 15
Priv. H. C. Derby	2d do.		18, 18	" W. N. How	3d do.		16, 16
Mus. O. Eklof	2d do.		19, 18	" Caspar Jenny	3d do.		16, 16
Priv. F. O. Elmes	2d do.		19, 19	" J. F. Larkin	3d do.		17, 16
" Edgar Goodwin	2d do.		20, 20	" B. C. Loring	3d do.		17, 16
" Jas. A. Grimes	2d do.		18, 18	" Chas. Marque-			
" T. J. Hanley	2d do.		18, 18	dant, Jr.	3d do.		16, 15
Corp'l Joseph S. Hart	2d do.		20, 19	" Ed. P. Murray	3d do.		16, 16
Priv. H. N. Haynes	2d do.		19, 18	" F. B. Wallace	3d do.		16, 15
Sgt. Ashley P. How	2d do.		18, 18	" Oliver D. Wood	3d do.		18, 17
Corp'l George C. How	2d do.		18, 18				

## COMPANY K, SIXTH REGIMENT INFANTRY.

Capt. U. A. Goodell	S. S.,	Requal.	Priv. V. Nelson	2d Class,	21, 21
Lt. H. L. Brousseau	S. S.,	Requal.	" J. Pfeiffer	2d do.	19, 19
Mus. A. Brousseau	S. S.,	Requal.	Cp'l Geo. Cross	3d do.	17, 17
Sgt. J. Q. Goodell	1st Class,	Requal.	Priv. E. Baker	3d do.	16, 15
Sgt. N. E. Putney	1st do.	Requal.	" A. Brousseau	3d do.	16, 20
Lt. A. M. Higgins	2d do.		" T. Burke	3d do.	19, 16
Sgt. P. A. Cross	2d do.		" N. Degrenier	3d do.	16, 18
" J. F. Bradley	2d do.		" E. Gagnon	3d do.	16, 19
" F. C. Monroe	2d do.		" N. Gamache	3d do.	16, 15
Corp'l Earle Vinton	2d do.		" W. Lee	3d do.	15, 18
Corp'l J. K. Egan	2d do.	Requal.	" J. Lapierre	3d do.	15, 17
Priv. J. Anderson	2d do.		" Geo. Maguire	3d do.	15, 15
" H. M. Brockway	2d do.		" E. Martin	3d do.	15, 15
" C. Burke	2d do.		" L. Scarbeau	3d do.	18, 15
" E. Belanger	2d do.		" Geo. Therault	3d do.	18, 15
" F. X. Cassavant	2d do.		" S. Vinton	3d do.	17, 15
" P. Benoit	2d do.		" F. D. Vinton	3d do.	16, 20
" C. A. Clark	2d do.		" C. Weldon	3d do.	16, 16
Corp'l F. B. Nichols	2d do.		" P. Walsh	3d do.	15, 16
Priv. B. W. Felton	2d do.	Requal.	Priv. Geo. Berry	3d do.	-
" W. Hager	2d do.		Priv. W. E. Nichols	3d do.	-
" E. Langley	2d do.				

## COMPANY L, SIXTH REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Lt. W. H. Jackson .	1st Class,	45, 48	Priv. J. F. Bostic .	3d Class,	15, 16		
Sgt. G. W. Braxton .	1st do.	46, 48	" C. F. Chandler .	3d do.	15, 17		
Sgt. L. A. Dandridge	1st do.	44, 44	" S. O. Dean .	3d do.	15, 15		
Corp'l W. E. Carter, Jr.	1st do.	43, 44	" W. P. Ferguson .	3d do.	16, 18		
Mus. J. H. Moore .	1st do.	43, 45	" W. B. Gould .	3d do.	15, 17		
Capt. W. J. Williams .	2d do.	21, 21	" R. Holmes .	3d do.	15, 16		
Lt. W. H. Turner .	2d do.	18, 19	" J. E. Jordan .	3d do.	17, 19		
Sgt. F. E. Turpin .	2d do.	18, 18	" W. P. Lewis .	3d do.	17, 18		
Sgt. G. H. DeFreace .	2d do.	20, 20	" T. Moseby .	3d do.	15, 16		
Corp'l E. L. Richards	2d do.	20, 21	" C. W. Richard-				
Corp'l J. W. Jones .	2d do.	21, 21	son .	3d do.	15, 15		
Priv. T. T. Armstrong	2d do.	19, 20	" N. F. Saunders	3d do.	15, 17		
" O. Dobson .	2d do.	20, 21	" L. A. Stewart .	3d do.	15, 16		
" E. L. Harris .	2d do.	19, 20	" H. H. Williams	3d do.	16, 19		
" A. A. Kiner .	2d do.	18, 18	" R. C. Wilson .	3d do.	15, 16		
" W. F. Saunders .	2d do.	21, 22	" P. J. Winfield .	3d do.	15, 16		
" F. Thomas .	2d do.	19, 19	" W. H. Saunders	3d do.	15, 17		
" C. J. Williamson	2d do.	19, 20	" R. P. Clike .	3d do.	15, 16		
Corp'l D. A. Roberts	3d do.	15, 16	Corp'l A. T. Lew	3d do.	-		
Corp'l S. F. Carter .	3d do.	15, 15	Priv. Major Gaines, Jr.	3d do.	-		
Priv. L. C. Armstrong	3d do.	15, 16	" J. C. Johnson .	3d do.	-		
" J. Butler .	3d do.	15, 16	" W. H. Richard-				
" W. Burrs .	3d do.	15, 17	son .	3d do.	-		

## COMPANY M, SIXTH REGIMENT INFANTRY.

Capt. H. E. Whitney	D. M.,	46, 48, 48	Priv. F. H. Sanborne	2d Class,	21, 21
Priv. H. W. Cheney	1st Class,	43, 42	" E. A. Stevens .	2d do.	19, 20
Sgt. E. Hancock .	1st do.	43, 43	" E. F. Stratton .	2d do.	18, 18
Sgt. C. H. Kimball .	1st do.	43, 44	Sgt. G. E. Thayer .	2d do.	21, 21
Corp'l W. E. Knights	1st do.	45, 45	Priv. R. M. Trask .	2d do.	18, 20
Priv. E. A. Kinsman	1st do.	45, 44	" A. L. Watkins .	2d do.	21, 21
Bug. Joseph Lessor .	1st do.	42, 44	" G. A. Wilcox .	2d do.	19, 19
Priv. J. W. McKay .	1st do.	42, 42	" Roy Arrand .	2d do.	19, 20
Corp'l A. W. Vant .	1st do.	47, 45	" H. A. Bagley .	3d do.	15, 15
Sgt. Benj. S. Allen .	2d do.	21, 22	" C. E. Dewing .	3d do.	16, 16
Priv. C. H. Bartlett .	2d do.	18, 19	" J. Donnelly .	3d do.	15, 17
Lt. H. R. Church .	2d do.	19, 20	Corp'l L. W. French .	3d do.	16, 17
Priv. G. T. Clark .	2d do.	18, 19	Priv. A. J. Gardner	3d do.	15, 15
Corp'l E. M. Crockett	2d do.	18, 19	" Fred Gaskill .	3d do.	16, 19
Priv. Geo. L. Cham-			" F. L. Kimball .	3d do.	16, 17
berlain .	2d do.	19, 19	" A. Legacy .	3d do.	15, 15
" W. W. Connor	2d do.	21, 21	" J. W. McAloney	3d do.	17, 21
" F. W. Eames .	2d do.	Requal.	" Ernest Nash .	3d do.	17, 18
Lt. Harold E. Fales	2d do.	18, 20	" O. A. Newhall	3d do.	15, 16
Corp'l W. H. French	2d do.	Requal.	Sgt. W. A. Thayer .	3d do.	15, 17
Priv. A. W. Miller .	2d do.	20, 20	Priv. B. S. Waterman	3d do.	17, 17
" B. W. Rogers .	2d do.	18, 19	Priv. F. E. Saunders	3d do.	-

## FIELD AND STAFF, SECOND BRIGADE.

Capt. A. N. Rantoul .	2d Class,	19, 19	Capt. W. F. Lambert	1st Class,	-
Capt. Gordon Dexter	2d do.	20, 20	" Philip Little .	2d do.	-
Gen. B. F. Peach, Jr	S. S.,	-	" Elijah George .	1st do.	-
Lt. Col. C. C. Fry .	3d Class,	-	Sgt. W. M. Merrill .	D M.,	-
Lt. Col. F. C. Hersey	2d do.	-	" Wm. Bryant .	2d Class,	-
Maj. Aaron A. Hall .	S. S.,	-	" F. W. Parker .	3d do.	-
Capt. N. A. Thompson	2d Class,	-	" R. E. Moore .	1st do.	-

## SIGNAL CORPS, SECOND BRIGADE.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. W. C. Twombly	S. S.,		44,49,46	Priv. A. P. Brown	2d Class,	-	
Lt. H. W. Sprague	1st Class,		-	Sgt. Francis Maloney	3d do.	17, 17	
Sgt. W. C. Stevens	2d do.		-	Priv. M. S. Culver	3d do.	17, 18	
" C. W. Eaton	2d do.		-	" C. W. Beattie	3d do.	16, 17	
" Wm. E. Turner	2d do.		-	" Wm. H. Peyton	3d do.	16, 18	

## AMBULANCE CORPS, SECOND BRIGADE.

Sgt. A. L. Souther	1st Class,	Requal.	Corp'l W. H. Thompson	3d Class,	Requal.
Lt. A. W. Clark	2d do.	Requal.	son		

## FIELD AND STAFF, FIFTH REGIMENT.

Maj C. C. Foster	D. M.,	48,48,48	Sgt. G. H. Cutler	3d Class,	17, 17
Lt. R. B. Edes, I. R. P.	D. M.,	50,50,47	Maj. J. H. Whitney	1st do.	-
Col. W. A. Bancroft	S. S.,	Requal.	Lt. F. P. Barnes	1st do.	-
Sgt. E. S. Savory	1st Class,	Requal.	Lt. H. P. Ballard	2d do.	-
Maj. Geo. H. Benyon	D. M.,	Requal.	Sgt. Maj. C. H. Cutler	2d do.	-
Lt. H. L. Chase	2d Class,	Requal.	Ch. Bug B. L. Morse	2d do.	-
P. M. Sgt. C. B. Cabot	2d do	21, 22	Priv. E. L. Wingate	2d do.	-
Lt. A. C. Warren	3d do	15, 15	Sgt. C. A. Charles	3d do.	-

## COMPANY A, FIFTH REGIMENT INFANTRY.

Corp'l R. S. Clemons	S. S.,	44,48,47	Corp'l N. R. Davis	3d Class,	15, 16
Mus Russell Lufkin	1st Class,	-	" R. F. Howard	3d do.	15, 16
Lt. R. W. Bray	2d Class,	19, 18	" John F. Goode	3d do.	16, 17
Sgt. Jas. H. Jacobs	2d do.	18, 19	Priv. W. R. Finlay	3d do.	17, 18
Sgt. Wm. H. Wilson	2d do.	19, 19	" R. J. Frazer	3d do.	15, 16
Priv. Winford Doyle	2d do.	19, 21	" E. Gluffing	3d do.	16, 17
" De Melle C.			" B. B. Grant	3d do.	15, 15
Garey	2d do.	19, 18	" Fred S. Howard	3d do.	16, 15
" J. A. Stevens	2d do	18, 19	" Jas F. Jolley	3d do.	15, 15
" J. R. Treadwell	2d do	21, 19	" W. H. Marston	3d do.	15, 16
" G. E. Wilson	2d do	18, 18	" Chas. O. Shute	3d do.	15, 16
" C. E. Parker	2d do.	-	" D. W. Smith	3d do.	16, 18
Capt. W. W. Stover	2d do.	-	" A. H. Snow	3d do.	15, 15
Sgt. M. E. Smith	2d do.	-	" Fred W. Titus	3d do.	15, 15
Sgt. Fred L. King	2d do.	-	Lt. Wm. S. Tolman	3d do.	-
Priv. Sam'l C. Conner	2d do.	-	Priv. R. E. Harding	3d do.	-
Sgt. E. F. Flanders	3d do.	16, 15	Priv. C. A. Meserrie	3d do.	-
Corp'l E. W. Gordon	3d do.	15, 15			

## COMPANY B, FIFTH REGIMENT INFANTRY.

Lt. Chas. W. Facey	D. M.,	45,48,46	Priv. R. M. Welch	1st Class,	Requal.
Sgt F. J. Lounsbury	S. S.,	44,50,46	" D. M. O'Connor	1st do.	43, 42
Priv. Louis Lawrence	1st Class,	-	Capt E. E. Mason	1st do.	Requal.
Priv. A. A. Thomas	1st do.	-	Sgt P. J. McNamara	2d do.	21, 18
Capt R. W. Sutton	1st do.	Requal.	Sgt Charles J. Kirby	2d do.	19, 19
Lt. Wm. S. Phillips	1st do.	Requal.	Corp'l R. J. Powers	2d do.	20, 18
Sgt Charles S. Ryan	1st do.	Requal.	" Wm. Connell	2d do.	20, 18
Priv. R. H. Russell	1st do.	Requal.	" F. J. Brennan	2d do.	20, 20

## COMPANY B, FIFTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv.	N. W. Campbell	2d Class,	18, 18	Priv.	R. R. Lowe	3d Class,	15, 15
"	T. A. Hillery	2d do.	20, 18	"	J. J. McSweeney	3d do.	18, 15
"	W. J. MacKay	2d do.	Requal.	"	R. McFadden	3d do.	20, 16
"	J. G. McCann	2d do.	19, 19	"	Jas. J. O'Brien	3d do.	17, 15
"	J. A. Myers	2d do.	20, 19	"	R. D. Worcester	3d do.	16, 15
"	R. T. Owens	2d do.	19, 19	"	P. E. Moylan	3d do.	20, 17
"	T. F. Sullivan	2d do.	19, 19	"	L. J. McDonald	3d do.	16, 16
"	F. J. White	2d do.	20, 18	"	A. McKay	3d do.	19, 17
"	W. E. Weber	2d do.	19, 19	Corp'l	T. E. Daykin	3d do.	-
Sgt.	E. C. Stickney	2d do.	-	"	C. J. Kindler	3d do.	-
"	Fred M. Mason	2d do.	-	"	T. H. McGuire	3d do.	-
"	Edward Broders	2d do.	-	"	W. J. Thompson	3d do.	-
Mus.	B. C. McKenna	2d do.	-	Priv.	A. E. Artesani	3d do.	-
Priv.	M. L. Bosworth	2d do.	-	"	E. P. Callahan	3d do.	-
"	John H. Dolan	2d do.	-	"	D. I. Clifford	3d do.	-
"	Louis J. Hewitt	2d do.	-	"	J. J. Donovan	3d do.	-
"	A. A. Hickey	3d do.	-	"	G. F. Griggs	3d do.	-
"	W. Dumbriksky	3d do.	15, 15	"	Archie Hewitt	3d do.	-
"	W. A. Harvey	3d do.	17, 17	"	H. J. Stackhouse	3d do.	-
"	M. H. Henry	3d do.	16, 15	"	W. J. Tinnan	3d do.	-
"	J. P. Hackett	3d do.	19, 16				

## COMPANY C, FIFTH REGIMENT INFANTRY.

Lt.	J. A. Scott	S. S.,	46, 49, 47	Priv.	T. J. Ducey	3d Class,	15, 17
Priv.	J. B. Dugan	1st Class,	42, 42	"	J. F. Farnum	3d do.	16, 17
Priv.	P. E. Miles	1st do.	42, 42	"	F. W. Godsoe	3d do.	17, 17
Capt.	D. O. Scott	1st uo.	-	"	J. J. Haley	3d do.	16, 17
Sgt.	J. Masterton	2d do.	-	"	P. J. Kelley	3d do.	15, 16
Priv.	E. T. Madden	2d do.	-	"	J. H. Lane	3d do.	16, 16
Priv.	G. W. Ambrose	2d do.	18, 18	"	J. J. Lynch	3d do.	15, 20
Corp'l	F. A. Barrows	2d do.	Requal.	Corp'l	A. L. Moriarty	3d do.	17, 19
Priv.	H. E. Billings	2d do.	20, 21	Priv.	W. S. O'Brien	3d do.	17, 18
Priv.	T. Burnett	2d do.	22, 22	"	J. F. Powers	3d do.	15, 20
Sgt.	W. H. Burns	2d do.	Requal.	"	W. F. Powers	3d do.	16, 19
Sgt.	C. F. Carling	2d do.	21, 21	"	J. E. Ryan	3d do.	16, 17
Priv.	H. T. O'Brien	2d do.	19, 19	"	Wm. Scott	3d do.	17, 18
Priv.	J. F. Ryan	2d do.	19, 20	"	Winfield Scott	3d do.	15, 17
Corp'l	A. E. Trudo	2d do.	19, 20	"	J. W. Sullivan	3d do.	15, 15
Corp'l	A. E. Armstrong	3d do.	17, 18	"	M. F. Turner	3d do.	15, 17
Sgt.	E. F. Berry	3d do.	15, 17	"	G. H. Wascott	3d do.	17, 18
Priv.	J. J. Brady	3d do.	16, 18	Lt.	R. S. Cordingley	3d do.	-
"	J. A. Dalton	3d do.	15, 18	Priv.	T. F. Cronin	3d do.	-
				Sgt.	R. W. Daley	3d do.	-

## COMPANY D, FIFTH REGIMENT INFANTRY.

Sgt.	W. F. Gilbride	1st Class,	42, 44	Corp'l	G. W. Spaulding	2d Class,	18, 19
Priv.	F. W. Holmes	1st do.	43, 44	Priv.	H. G. Sampson	2d do.	22, 22
Priv.	G. L. Mariner	1st do.	42, 44	"	C. E. Burt	3d do.	15, 19
Capt.	W. C. Butler	2d do.	19, 19	"	J. Croghan	3d do.	17, 16
Sgt.	F. A. Burgess	2d do.	21, 20	"	J. Donovan	3d do.	15, 16
Priv.	E. A. McManus	2d do.	18, 19	"	C. R. Doten	3d do.	15, 17
Sgt.	C. E. Nauman	2d do.	19, 20	"	J. A. Gloyd	3d do.	15, 15
Sgt.	G. H. Phillips	2d do.	21, 19	"	J. E. Hosmer	3d do.	15, 21
Corp'l	R. S. Phillips	2d do.	20, 21	"	A. A. Hatton	3d do.	16, 18
Corp'l	T. M. Perkins	2d do.	19, 20	"	E. E. Nickerson	3d do.	15, 16
Priv.	Irvin Parker	2d do.	19, 19				

## COMPANY D, FIFTH REGIMENT INFANTRY — Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. W. Picard		3d Class,	16, 16	Priv. D. G. Brown		3d Class,	-
Corp'l C. H. Robbins		3d do.	17, 17	" C. E. Colprit		3d do.	-
Corp'l P. M. Robichau		3d do.	16, 19	" E. Gulliver		3d do.	-
Priv. J. F. Raymond		3d do.	16, 16	" R. J. Procter		3d do.	-
" Chas. F. Paty		3d do.	17, 15	" W. E. Toyier		3d do.	-
" G. H. Fox		3d do.	15, 15				

## COMPANY E, FIFTH REGIMENT INFANTRY.

Capt. T. C. Henderson	1st Class,	45, 45	Priv. J. J. Carleton	3d Class,	15, 15
Lt. J. U. Wescott	1st do.	43, 43	" J. J. Conway	3d do.	16, 15
Sgt. G. W. England	1st do.	43, 47	" R. J. Dinsmon	3d do.	18, 17
Sgt. G. H. St. Dennis	1st do.	43, 45	" W. H. Dinsmon	3d do.	15, 17
Priv. A. D. Haskell	1st do.	43, 43	" G. E. Knight	3d do.	16, 16
Priv. J. J. Mahoney	1st do.	43, 43	" J. O. Lane	3d do.	16, 16
Lt. G. H. Lowe	1st do.	43, 44	" W. J. Leonard	3d do.	15, 16
Sgt. O. J. C. Neilson	2d do.	19, 19	" G. T. Lynn	3d do.	16, 16
" A. T. Jones	2d do.	18, 18	" J. W. Maher	3d do.	16, 16
" C. H. Hagggett	2d do.	20, 20	" J. H. Maine	3d do.	16, 16
Corp'l E. A. White	2d do.	18, 20	" C. W. McDonald	3d do.	17, 16
Mus. G. J. Cutler	2d do.	19, 18	" G. A. Mills	3d do.	16, 15
Priv. E. R. Dearborn	2d do.	22, 21	" P. P. Murphy	3d do.	17, 17
" W. H. Geyer	2d do.	19, 18	" A. E. Prowse	3d do.	20, 17
" C. W. Jackson	2d do.	19, 19	" H. J. F. Rehm	3d do.	15, 15
" A. W. McLean	2d do.	19, 20	" T. P. Riley	3d do.	17, 17
" A. J. Sherriff	2d do.	18, 18	" G. F. Simpson	3d do.	15, 15
" W. F. Vincent	2d do.	19, 18	" F. O. Waterman	3d do.	17, 15
" T. P. Byron	2d do.	-	" W. J. Wilson	3d do.	16, 16
" F. D. Furbush	2d do.	-	" W. E. Newton	3d do.	16, 15
Corp'l C. W. B. Fuller	3d do.	16, 17	" C. E. Lauriat	3d do.	16, 19
" J. B. A. Buffum	3d do.	17, 15	Corp'l E. P. Byrne	3d do.	-
" W. F. Robb	3d do.	19, 15	Priv. G. F. Buck	3d do.	-
" C. H. Lewis	3d do.	18, 17	" J. C. Keenan	3d do.	-
Priv. G. E. Barry	3d do.	16, 15	" C. F. Lennis	3d do.	-
" B. W. Bryon	3d do.	18, 16	" J. P. McArdle	3d do.	-

## COMPANY F, FIFTH REGIMENT INFANTRY.

Lt. C. E. Hamilton	S. S.,	48, 48, 46	Priv. H. E. Conant	2d Class,	18, 20
Sgt. W. C. Twombly	S. S.,	Requal.	" M. J. Connors	2d do.	19, 19
Sgt. E. H. Bull	S. S.,	44, 49, 47	" G. W. D. Emerson	2d do.	18, 19
Sgt. J. F. Williams	S. S.,	48, 48, 47	" A. C. Foster	2d do.	18, 21
Corp'l S. A. Searle	S. S.,	44, 48, 46	" J. F. Lamson	2d do.	21, 20
Priv. H. T. A. Butler	S. S.,	45, 49, 47	" A. W. Newcomb	2d do.	20, 20
Lt. H. M. Gragg	1st Class,	Requal.	" W. W. Powden	2d do.	20, 20
Sgt. J. N. Berry	1st do.	43, 45	" C. C. Preble	2d do.	19, 20
Corp'l H. A. Perkins	1st do.	43, 47	" G. C. Preble	2d do.	20, 21
Priv. E. Baptiste	1st do.	44, 46	" J. W. Tozier	2d do.	20, 20
" E. H. Harvey	1st do.	46, 45	" W. E. Whitney	2d do.	18, 21
" W. B. Jackson	1st do.	42, 42	Corp'l W. J. Benton	3d do.	17, 18
Capt. M. D. Clement	2d do.	20, 21	Corp'l E. L. Harvey	3d do.	17, 17
Lt. W. E. Whiting	2d do.	21, 22	Priv. R. E. Bullard	3d do.	15, 19
Sgt. C. A. Shafer	2d do.	18, 20	Priv. D. W. Burnett	3d do.	15, 19
Sgt. H. F. Smith	2d do.	21, 22	" W. B. Chaffin	3d do.	17, 17
Corp'l L. A. Gindrat	2d do.	19, 22	" W. S. Cooney	3d do.	16, 16
Corp'l J. E. Kavanagh	2d do.	19, 20	" J. F. Donohoe	3d do.	17, 19
Priv. W. H. Anthony	2d do.	20, 21	" H. R. Fredericks	3d do.	16, 19
Priv. J. J. Collins	2d do.	18, 18			

## COMPANY F, FIFTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. F. G. Hews		3d Class,	15, 16	Priv. J. C. Purcill		3d Class,	16, 18
" G. W. Kimball		3d do.	15, 15	" H. L. Willey		3d do.	15, 18
" C. N. Maynard		3d do.	16, 18	" A. D. Wright		3d do.	15, 17
" W. T. McCann		3d do.	17, 16				

## COMPANY G, FIFTH REGIMENT INFANTRY.

Priv. J. L. Fowl	1st Class,	49, 50	Priv. F. W. Hoskins	2d Class,	20, 20
" G. H. Nason	1st do.	48, 46	" A. A. Hutchin-		
" S. G. Smith	1st do.	Requal.	son	2d do.	23, 24
" F. E. Kempton	1st do.	Requal.	" M. D. Hamilton	2d do.	21, 21
Sgt. G. Durward	1st do.	Requal	" E. J. Kolb	2d do.	18, 19
Capt. J. C. Larock	2d do.	20, 20	" J. W. McCarthy	2d do.	20, 20
Lt. W. W. Wade	2d do.	18, 18	" W. C. Mann	2d do.	19, 20
Sgt. G. S. Cutter	2d do.	20, 20	" Geo. F. Murdock	2d do.	18, 19
" F. E. Stowers	2d do.	22, 19	" B. F. Stevens	2d do.	19, 21
" T. McCarthy	2d do.	22, 23	" Geo. Irving	2d do.	18, 18
" C. F. Hazeltine	2d do.	18, 19	" W. H. Whitten	2d do.	19, 20
Corp'l L. W. Pattin	2d do.	22, 23	Lt. E. F. Wyer	3d do.	15, 17
" W. M. Dearborn	2d do.	20, 20	Sgt. W. A. Russell	3d do.	17, 17
" G. A. Barrett	2d do.	20, 21	Corp'l I. H. Lytton	3d do.	17, 15
" O. M. Wade, Jr.	2d do.	19, 20	Priv. J. Tighe	3d do.	17, 17
Priv. W. S. Fraser	2d do.	18, 20	Priv. J. J. Cullen	3d do.	15, 15

## COMPANY H, FIFTH REGIMENT INFANTRY.

Capt. Francis Mer-			Priv. C. L. McIntyre	2d Class,	21, 20
edith, Jr.	S. S.,	45, 49, 47	" H. W. Margeson	2d do.	21, 20
Corp'l A. A. F Lind-			" J. W. O'Neill	2d do.	18, 18
berg	S. S.,	50, 49, 48	" R. W. Roland	2d do.	18, 20
1st Sgt J. C. Meredith	1st Class,	43, 43	" G. W. Tolman	2d do.	20, 21
Sgt. A. H. Jones	1st do.	42, 43	" J. P. Ward	2d do.	18, 18
Priv. H. A. Gilson	1st do.	42, 42	" F. A. Whitney	2d do.	18, 19
Lt. Fred McDonald	1st do.	-	Corp'l W. Foley	3d do.	15, 17
Priv. R. J. Cole	2d do.	-	Priv. J. J. Connors	3d do.	16, 15
Priv. V. E. Gilson	2d do.	-	" E. A. Church	3d do.	15, 17
Bug. F. Ruppertsberg	2d do.	-	" T. F. Lynch	3d do.	15, 15
Lt. H. Y. Gilson	2d do.	20, 21	" J. F. McCarthy	3d do.	16, 15
Sgt. H. L. Johnson	2d do.	20, 19	" S. E. O'Brien	3d do.	17, 15
" T. M. Roland	2d do.	19, 18	" C. A. Rhode	3d do.	16, 16
" C. P. Shattuck	2d do.	Requal.	" W. M. Sanborn,		
Corp'l W. H. Benson	2d do.	20, 21	Jr.	3d do.	15, 15
" A. W. Duncan	2d do.	20, 18	" H. E. Kenney	3d do.	-
" W. B. Walker	2d do.	20, 21	" J. T. McGinley	3d do.	-
Priv. M. J. Bourke	2d do.	18, 19	" J. W. Morse	3d do.	-
" A. A. Davis, Jr.	2d do.	18, 19	" J. J. Owens	3d do.	-
" J. J. McIntire	2d do.	18, 19	" P. Sullivan	3d do.	-
" G. J. McDonald	2d do.	18, 20			

## COMPANY I, FIFTH REGIMENT INFANTRY.

Capt W. H. Goff	1st Class,	43, 45	Priv. A. G. Fuller	1st Class,	44, 44
Lt. H. A. Clark	1st do.	43, 43	" F. E. Goff	1st do.	Requal.
Sgt W. T. Mason	1st do.	43, 43	" E. Searle	1st do.	46, 45
Sgt C. A. Richardson	1st do.	46, 47	" F. C. Stowe	1st do.	45, 43
Cp'l F. C. Wilmarth	1st do.	42, 42	Lt. G. H. Sykes	2d do.	18, 19

## COMPANY I, FIFTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sgt. E. H. Briggs		2d Class,	19, 20	Priv. F. S. Whaley		2d Class,	19, 20
" F. C. Grey		2d do.	18, 21	" W. F. Wright		2d do.	19, 18
" D. L. Lon		2d do.	19, 18	" C. A. White		2d do.	19, 18
Cp'l A. H. Carpenter		2d do.	19, 18	" C. P. Aldridge		3d do.	17, 18
" F. W. Northup		2d do.	18, 19	" S. G. Aull		3d do.	15, 21
" F. B. Stanton		2d do.	18, 18	" G. F. Ball		3d do.	16, 18
" O. F. Hicks		2d do.	21, 22	" C. E. Boyd		3d do.	16, 17
" W. S. Stowe		2d do.	18, 19	" F. C. Becker		3d do.	13, 16
" J. H. Williams		2d do.	18, 20	" W. H. Drake		3d do.	15, 15
Bug. R. F. Lincoln		2d do.	18, 19	" W. F. Douglass		3d do.	15, 18
Priv. T. W. Cash		2d do.	20, 20	" G. E. Cruft		3d do.	16, 17
" F. H. Cornell		2d do.	Requal.	" G. C. Estee		3d do.	17, 19
" W. W. Cooke		2d do.	23, 24	" H. W. Gardner		3d do.	16, 15
" C. F. Drake		2d do.	Requal.	" J. W. Hayden		3d do.	17, 15
" A. C. Eggleston		2d do.	20, 22	" F. E. King		3d do.	16, 17
" A. E. French		2d do.	18, 19	" W. P. Keenan		3d do.	15, 20
" E. L. Hall		2d do.	21, 21	" G. F. Lee		3d do.	17, 19
" O. B. Hall		2d do.	18, 21	" A. J. Lehigh		3d do.	15, 16
" James Hall		2d do.	18, 19	" F. J. Miller		3d do.	17, 17
" W. O. Hall		2d do.	18, 18	" I. F. Mott		3d do.	16, 16
" R. M. Holley		2d do.	20, 20	" J. H. Noll		3d do.	16, 16
" H. E. Mathewson		2d do.	18, 18	" J. A. Peers		3d do.	17, 18
" L. C. Martin		2d do.	19, 20	" F. W. Sears		3d do.	15, 15
" J. W. Pickering		2d do.	19, 20	" E. J. Smith		3d do.	18, 17
" J. M. Rushton		2d do.	21, 21	" C. W. Sweet		3d do.	17, 19
" F. H. Spooner		2d do.	19, 19	" F. A. Sweet		3d do.	17, 15
" T. H. Stevenson		2d do.	18, 18	" B. A. Spencer		3d do.	15, 17
" E. W. Thurber		2d do.	21, 20	" F. H. Swift		3d do.	15, 15
				" H. N. Sperry		3d do.	15, 15

## COMPANY K, FIFTH REGIMENT INFANTRY.

Capt. W. E. Morrison	2d Class,	19, 20	Priv. F. L. Bent	3d Class,	16, 16
Lt. H. L. Kincaide	2d do.	18, 18	" C. F. Cavanagh	3d do.	16, 18
Lt. F. N. Benson	2d do.	18, 19	" T. B. Crane	3d do.	16, 17
Sgt. E. W. Adams	2d do.	19, 21	" F. N. Newcomb	3d do.	15, 17
" M. A. Colbert	2d do.	18, 18	" B. Pinkham	3d do.	17, 17
" W. P. Cahill	2d do.	22, 22	" T. C. Smith	3d do.	15, 16
Corp'l W. H. Whitney	2d do.	20, 20	" O. F. Smith	3d do.	15, 15
Mus. P. E. Quill	2d do.	19, 19	" D. G. Smith	3d do.	15, 15
Corp'l J. R. McGrath	2d do.	18, 19	" C. S. Whiting	3d do.	16, 19
Priv. E. B. Arnold	2d do.	18, 19	Corp'l H. A. Linton	3d do.	-
" J. T. Gallagher	2d do.	18, 21	Corp'l Jos. F. Mohan	3d do.	-
" I. Lowe	2d do.	20, 18	Priv. H. F. Barrett	3d do.	-
" W. C. Moses	2d do.	18, 18	" F. Billings	3d do.	-
" John Nelson	2d do.	18, 19	" Jas. Stancomb	3d do.	-
Sgt. C. F. Spear	2d do.	-			

## COMPANY L, FIFTH REGIMENT INFANTRY.

Corp'l L. E. Felton	S. S.,	44, 48, 47	Priv. C. K. Daniels	2d Class,	21, 22
Corp'l A. G. McKinley	S. S.,	48, 48, 47	" Wm. Dowd	2d do.	18, 18
Sgt. J. C. Allis	1st Class,	48, 43	" G. E. Falardeau	2d do.	18, 18
Priv. J. V. Lawler	1st do.	44, 43	" John Goddin	2d do.	21, 23
" I. R. Apt.	2d do.	22, 24	" C. T. Hall	2d do.	18, 18
" Robert B oth	2d do.	20, 21	" J. C. Hills	2d do.	19, 19
Sgt. H. A. Carter	2d do.	22, 22	Capt. E. E. Locke	2d do.	21, 22
Sgt. E. A. Coburn	2d do.	20, 20	Corp'l F. W. Lynde	2d do.	20, 21
Lt. F. F. Cutting	2d do.	18, 18	Priv. J. McCarthy	2d do.	21, 21

## COMPANY L, FIFTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. W. Prindall, Jr.		2d Class,	18, 19	Priv. H. I. Dyer		3d Class,	15, 15
" L. C. Rockhill		2d do.	18, 18	" E. J. Folsy		3d do.	15, 16
" John Spraker		2d do.	22, 24	" O. J. House		3d do.	15, 16
" E. L. Sweetser		2d do.	19, 19	Lt. J. H. Mann		3d do.	15, 17
" H. E. Jodoin		2d do.	-	Priv. E. S. Mayo		3d do.	15, 16
Sgt. C. A. Perkins		2d do.	-	" John Reid		3d do.	15, 20
Priv. C. H. Smith		2d do.	-	" F. Sherburne		3d do.	17, 15
Priv. C. Woodworth		2d do.	18, 21	" F. C. Streck		3d do.	15, 16
Corp'l C. E. Rea		2d do.	Requal.	" E. W. Young		3d do.	16, 17
Priv. L. O. Bishop		3d do.	16, 18	Corp'l F. L. Dodge		3d do.	-
" W. E. Brown		3d do.	15, 16	Mus. Chas. Fuller		3d do.	-
" C. E. Black		3d do.	15, 17	Priv. W. R. Slocomb		3d do.	-
" W. F. Churchill		3d do.	16, 18	Sgt. W. S. Sweetser		3d do.	-
" H. T. Callamore		3d do.	16, 17	Priv. Geo. H. Wood		3d do.	-

## COMPANY M, FIFTH REGIMENT INFANTRY.

Priv. G. A. Blyth	1st Class,	43, 43	Priv. L. L. Adams	2d Class,	-
Corp'l C. H. Groves	1st do.	42, 45	" M. H. Doyle	2d do.	-
Lt P. E. Graves	1st do.	43, 45	" C. A. Holmes	2d do.	-
Priv. R. Baker	2d do.	19, 20	Corp'l A. Francis	3d do.	16, 16
Corp'l E. S. Chase	2d do.	18, 19	Priv. H. P. Fairbanks	3d do.	15, 16
Priv. B. A. Graves	2d do.	21, 21	" H. F. Gill	3d do.	16, 16
" W. A. Hastings	2d do.	19, 21	" B. R. Grant	3d do.	15, 15
" F. W. Hale	2d do.	18, 18	" J. L. Lovett	3d do.	15, 18
" P. E. Kerrigan	2d do.	19, 21	" Thos. F. Lynch	3d do.	16, 17
" W. Lucier	2d do.	19, 19	Sgt. H. C. Moore	3d do.	17, 17
Capt. A. M. Mossman	2d do.	18, 21	Lt. C. F. Reed	3d do.	17, 18
Sgt. W. H. McCarthy	2d do.	18, 20	Priv. F. S. Rowell	3d do.	17, 18
Priv. F. E. Ordway	2d do.	19, 20	" H. C. Tucker	3d do.	16, 18
Priv. L. E. Ordway	2d do.	18, 18	" Thos. Travers	3d do.	15, 16
Corp'l H. C. Skinner	2d do.	18, 19	" B. N. Wheeler	3d do.	15, 17
Lt. W. H. Small	2d do.	19, 18	" W. J. Collette	3d do.	-
Mus. F. Taylor	2d do.	19, 20	" C. W. Hutchin- son	3d do.	-
Sgt. C. P. Tucker	2d do.	19, 19	Sgt. M. M. Lyons	3d do.	-
Lt. F. H. Wood	2d do.	18, 19	Priv. F. E. McConnell	3d do.	-
Sgt. R. W. Wilkins	2d do.	19, 19	Priv. F. P. Martin	3d do.	-
Priv. H. Patten	2d do.	-			
Priv. D. Sullivan	2d do.	-			

## FIELD AND STAFF, EIGHTH REGIMENT INFANTRY.

Lt. Charles F. Cook	D. M.	49, 49, 46	Mus. Chas. E. Ryan	2d Class,	18, 19
Lt. John G. Warner	1st Class,	Requal.	Drum Major W. H. Thomas	2d do.	-
Col. Chas. L. Dodge	2d do.	18, 19	Mus. W. J. Brennan	2d do.	-
Maj. W. M. Ward	2d do.	18, 18	Mus. T. W. Laidlaw	2d do.	-
" W. A. Pew, Jr.	2d do.	18, 18	Lt. N. Y. Brintnall	3d do.	16, 17
" C. W. Galloupe	2d do.	19, 20	Mus. P. A. Clohecy	3d do.	16, 17
Lt. George L. Weil	2d do.	18, 19	Mus. Henry L. Day	3d do.	16, 18
Q. M. Sgt. R. L. Morey	2d do.	Requal.	Sgt. Geo. G. Bailey	3d do.	-
P. M. Sgt. C. E. Max- well	2d do.	18, 18	Mus. J. H. Clohecy	3d do.	-
Mus. Jas. J. Noonan	2d do.	18, 18			

## COMPANY A, EIGHTH REGIMENT INFANTRY.

Lt. E. G. Moody	1st Class,	42, 42	Sgt. J. W. Pearson	2d Class,	19, 22
Sgt. W. F. Flanders	2d do.	18, 18	Corp'l E. O'Bierne	2d do.	18, 18

## COMPANY A, EIGHTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. F. W. Jacques		2d Class,	21, 20	Priv. C. E. Follett		3d Class,	15, 19
" J. Lawrence		2d do.	18, 20	" W. G. Goyette		3d do.	16, 15
" C. A. Pulcifer		2d do.	18, 18	" T. Hersey		3d do.	20, 15
" J. H. Reddy		2d do.	18, 19	" W. H. Lattimee		3d do.	15, 15
Capt. J. H. Gilman		2d do.	—	" J. Rogers		3d do.	16, 17
Sgt. C. Danforth		3d do.	16, 16	" F. M. Sturgeon		3d do.	19, 15
Corp'l E. J. Snow		3d do.	15, 15	" E. B. Thompson		3d do.	15, 16
Priv. W. H. Brasby		3d do.	17, 17	Sgt. A. S. Merrill		3d do.	—
" C. E. Coffin		3d do.	16, 15	Priv. A. Carlew		3d do.	—
" J. Dalton		3d do.	15, 16				

## COMPANY B, EIGHTH REGIMENT INFANTRY.

Capt. E. W. M. Bailey	S. S.,	45, 48, 46	Priv. H. M. Miller	2d Class,	19, 19
Lt. J. E. Higgins	S. S.,	44, 48, 47	" J. L. Preble	2d do.	18, 20
Lt. A. E. Tuttle	S. S.,	44, 48, 46	" J. Sweeney	2d do.	19, 19
Sgt. J. F. Higgins	S. S.,	45, 48, 46	" A. Trotsey	2d do.	19, 21
" M. S. Higgins	S. S.,	47, 50, 46	Corp'l H. G. Sweetser	3d do.	18, 17
" O. M. Lucy	S. S.,	44, 48, 46	Mus. D. N. Evans	3d do.	16, 15
" A. S. Hinckley	S. S.,	44, 48, 46	Priv. L. E. Ayer	3d do.	15, 15
" A. W. Stevens	S. S.,	44, 49, 47	" G. W. Beers	3d do.	18, 15
Corp'l F. M. Connor	S. S.,	44, 49, 47	" J. H. Bardsley	3d do.	18, 15
Priv. J. Cross	S. S.,	45, 48, 46	" S. J. Bardsley	3d do.	17, 15
Lt. W. E. Connor	1st Class,	Requal.	" P. H. Casey	3d do.	16, 18
Corp'l T. P. Higgins	1st do.	42, 43	" J. J. Doran	3d do.	15, 16
Priv. E. A. Brown	1st do.	43, 42	" P. J. Donohue	3d do.	15, 17
" J. Granigan	1st do.	43, 43	" J. Farrell	3d do.	15, 16
" G. A. Merrill	1st do.	42, 46	" F. Fernald	3d do.	17, 16
" F. W. Scribner	1st do.	42, 43	" P. J. Greeley	3d do.	15, 15
Corp'l F. M. Swett	2d do.	19, 20	" J. A. Grogan	3d do.	15, 16
Corp'l E. F. Quimby	2d do.	18, 20	" G. E. Langmaid	3d do.	16, 17
Priv. N. Dufault	2d do.	18, 19	" C. Lee	3d do.	16, 16
" J. D. Fiske	2d do.	18, 21	" D. B. Mahoney	3d do.	16, 18
" Wm. Gallagher	2d do.	18, 18	" J. Maloney	3d do.	15, 18
" E. B. Gillisple	2d do.	20, 21	" G. E. Roche	3d do.	16, 16
" H. C. Kincaid	2d do.	20, 20	" P. Stevens	3d do.	19, 16
" R. E. Lardner	2d do.	18, 18	" F. W. Taylor	3d do.	19, 15
" W. A. Mathews	2d do.	19, 20	" J. Timmins	3d do.	16, 16
" J. J. Melia	2d do.	19, 21	" J. Dwyer	3d do.	—

## COMPANY C, EIGHTH REGIMENT INFANTRY.

Capt. F. A. Graves	2d Class,	20, 23	Priv. F. M. Shattuck	3d Class,	15, 17
Sgt. Benj. Mitchell	2d do.	19, 18	" M. V. Dooley	3d do.	18, 16
Sgt. F. L. Robbins	2d do.	18, 21	" M. F. Carroll	3d do.	16, 18
Corp'l J. J. Glass, Jr.	2d do.	18, 19	" A. N. Brown	3d do.	17, 16
Corp'l W. W. Shean	2d do.	19, 20	" R. B. Millett	3d do.	20, 16
Priv. C. S. Robbins	2d do.	19, 18	" F. A. Butman	3d do.	15, 15
" Frank Glass	2d do.	18, 18	" C. F. Hart	3d do.	15, 15
" J. T. Sandwich	2d do.	19, 19	Sgt. H. P. Coltyer	3d do.	—
" F. E. Morse	2d do.	19, 20	Corp'l Winslow Hardy	3d do.	—
Capt. W. B. Potter	2d do.	19, 20	Priv. F. H. Osgood	3d do.	—
Lt. C. A. Slee	2d do.	—	Priv. H. Griffiths	3d do.	—
Sgt. B. G. Melvin	3d do.	17, 15	Lt. C. H. Snow	3d do.	—

## COMPANY D, EIGHTH REGIMENT INFANTRY.

Lt. C. T. Hilliker	S. S.,	47, 50, 46	Sgt. I. W. Chase	S. S.,	47, 49, 46
Sgt. A. H. Sison	S. S.,	Requal.	Sgt. T. J. Cobey	S. S.,	47, 48, 47

## COMPANY D, EIGHTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Capt. F. Murray		1st Class,	44, 50	Priv. J. W. Piper		2d Class,	21, 21
Sergt. F. H. Downey		1st do.	Requal.	Corp'l W. E. Schmidt		2d do.	20, 21
Corp'l J. B. Perkins		1st do.	44, 44	Priv. G. A. Smith		2d do.	18, 19
Corp'l E. I. Piper		1st do.	44, 44	" L. Waite		2d do.	18, 20
Priv. F. B. Phinney		1st do.	42, 42	" E. L. Varnam		2d do.	18, 18
Lt. H. B. Goodridge		2d do.	20, 20	" A. P. Mallett		2d do.	19, 19
Sgt. T. C. Crowley		2d do.	Requal.	" B. C. Canfield		3d do.	16, 16
Mus. L. A. Downey		2d do.	Requal.	" G. A. Carswell		3d do.	16, 16
Priv. W. F. Brown		2d do.	18, 20	" A. B. Hathaway		3d do.	16, 18
" W. W. Cann		2d do.	18, 19	" C. A. Rich		3d do.	16, 16
" A. L. Conant		2d do.	19, 19	" T. H. Tobin		3d do.	15, 15
Corp'l J. B. Gallagher		2d do.	18, 19	" J. E. Perkins		3d do.	16, 16
Priv. J. T. Hinds		2d do.	18, 18	" F. H. Ober		3d do.	15, 15
Priv. A. Josselin		2d do.	18, 18	Corp'l G. A. Wood		3d do.	-
Corp'l J. P. Linehan		2d do.	18, 19				

## COMPANY E, EIGHTH REGIMENT INFANTRY.

Lt. J. W. Preston	S. S.,	44, 48, 46	Priv. R. E. Simpson	2d Class,	18, 19
Corp'l J. P. Noble	S. S.,	44, 48, 46	" E. L. Snell	2d do.	19, 21
Mus. Almon Gray	S. S.,	45, 48, 47	" J. F. Standly	2d do.	18, 19
Priv. A. E. Crombie	S. S.,	45, 48, 48	" C. F. Butman	2d do.	-
Lt. H. A. Moulton	1st Class,	42, 42	Sgt. Geo. E. Cross	3d do.	15, 16
Sgt. F. H. Jones	1st do.	42, 46	Priv. S. A. Adams	3d do.	16, 17
Corp'l H. R. Nelson	1st do.	43, 44	" W. H. Clark	3d do.	15, 16
Priv. A. H. Kelly	1st do.	42, 43	" W. W. Gardner	3d do.	16, 17
" David Rogers	1st do.	43, 44	" E. G. Glines	3d do.	15, 15
" John Sands	1st do.	Requal.	" D. A. Goodwin	3d do.	16, 17
" E. A. Standly	1st do.	42, 44	" G. E. Hathaway	3d do.	16, 17
Capt. Wm. Stopford	2d do.	20, 22	" A. W. Herrick	3d do.	15, 16
Corp'l W. B. Ober	2d do.	20, 21	" W. H. Caverly	3d do.	-
Priv. Geo. W. Davis	2d do.	18, 18	" F. S. Morse	3d do.	-
" H. O. Gray	2d do.	18, 19	Corp'l G. W. Preston	3d do.	-
" W. H. Hathaway	2d do.	18, 21	Priv. F. H. Low	3d do.	-
			" R. P. Williams	3d do.	-

## COMPANY F, EIGHTH REGIMENT INFANTRY.

Sgt. J. P. Hickey	S. S.,	-	Priv. J. W. Connell	2d Class,	19, 20
Priv. Benj. Dimock	D. M.,	-	" H. E. Clemons	2d do.	20, 20
Sgt. M. F. Webster	1st Class,	43, 43	" A. W. Claridge	2d do.	18, 18
Sgt. E. P. Cogswell	1st do.	42, 42	" M. C. Dumore	2d do.	18, 20
Corp'l H. S. Baxter	1st do.	45, 44	" C. N. Drew	2d do.	20, 20
Corp'l C. S. Kenyon	1st do.	43, 43	" A. B. Frost	2d do.	18, 19
Priv. J. A. Barnstead	1st do.	43, 44	" F. A. Haynes	2d do.	20, 21
" D. A. Evans	1st do.	44, 43	" A. H. Herrick	2d do.	18, 19
" Geo. P. Smith	1st do.	44, 46	" D. E. Jewell	2d do.	19, 19
Capt. W. C. Dow	2d do.	18, 22	" J. E. King	2d do.	18, 19
Lt. W. U. Mace	2d do.	21, 21	" Alfred Law	2d do.	18, 19
Lt. T. F. Crowley	2d do.	18, 19	" A. H. Quimby	2d do.	20, 21
Sgt. D. F. Whittier	2d do.	18, 19	" J. W. Smith	2d do.	19, 19
Sgt. W. H. Floyd	2d do.	19, 19	" E. G. Siebel	2d do.	18, 18
Corp'l F. W. Higgins	2d do.	20, 21	" E. G. Williams	2d do.	18, 18
" Geo. W. Lucas	2d do.	23, 22	Sgt. W. F. Towne	2d do.	18, 20
" F. J. Millard	2d do.	22, 22	Priv. Clarence Burns	2d do.	-
" W. H. Fielden	2d do.	21, 21	" C. A. Quimby	2d do.	-
Priv. A. H. Bond	2d do.	19, 21	" W. E. Atkins	3d do.	16, 17
Priv. W. M. Coon	2d do.	21, 21	" E. C. Brown	3d do.	17, 18

## COMPANY F, EIGHTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. H. G. Cole		3d Class,	15, 16	Priv. H. A. Johnson		3d Class,	15, 17
" L. J. Cyr		3d do.	16, 17	" J. H. Lucas		3d do.	15, 16
" A. S. Drew		3d do.	15, 18	" G. H. Villars, Jr.		3d do.	17, 17
" K. N. Drew		3d do.	17, 17	" H. E. Warner		3d do.	15, 18
" J. F. Flynn		3d do.	16, 17	" Alfred Williams		3d do.	15, 18
" B. N. Gile		3d do.	17, 18	" H. M. Sleeper		3d do.	-

## COMPANY G, EIGHTH REGIMENT INFANTRY.

Priv. M. P. Alderman	S. S.,	47, 48, 48	Priv. C. G. Daniels	2d Class,	Requal.
Sgt. J. H. Coleman	S. S.,	Requal.	Sgt. C. A. Donahue	2d do.	Requal.
Priv. H. F. Douglass	S. S.,	44, 48, 46	Priv. A. A. Douglass	2d do.	Requal.
" J. W. Fowler	S. S.,	45, 49, 46	" J. H. Gourville	2d do.	19, 19
" J. N. Gardner	S. S.,	46, 48, 46	" E. Grace, Jr.	2d do.	18, 18
Sgt. E. F. Gibbs	S. S.,	45, 48, 46	" P. B. Howard	2d do.	19, 19
Priv. Chas. Grant	S. S.,	44, 49, 46	" J. W. Ingersoll	2d do.	Requal.
" H. H. Hall	S. S.,	Requal.	Sgt. J. P. McInnis	2d do.	20, 19
" F. W. Johnson	S. S.,	44, 48, 46	Priv. J. McLaughlin	2d do.	20, 20
" Sam'l McQuinn	S. S.,	Requal.	Corp'l J. J. Mellow	2d do.	19, 19
Lt. F. C. Nove	S. S.,	44, 48, 46	Priv. M. A. Ring	2d do.	Requal.
Capt. R. P. O'Reilly	S. S.,	44, 48, 47	" C. F. Roberts	2d do.	Requal.
Sgt. J. M. Publicover	S. S.,	46, 48, 48	" T. J. Rodgers	2d do.	Requal.
Corp'l W. B. Publicover	S. S.,	44, 48, 46	" W. T. Stockelberg	2d do.	18, 18
Priv. A. L. Shrinert	S. S.,	44, 48, 47	" F. A. Sylva	2d do.	Requal.
Priv. A. G. Trevo	S. S.,	45, 48, 46	" J. E. Walsh	2d do.	18, 20
Corp'l Daniel Buckley	1st Class,	42, 44	" H. L. Wass	2d do.	22, 20
Priv. W. T. Como	1st do.	42, 42	" H. B. Winchester	2d do.	20, 18
Lt. W. J. Crawley	1st do.	44, 46	" A. T. Wonson	2d do.	18, 19
Priv. S. S. DeCoste	1st do.	43, 42	" J. H. Anstess	3d do.	16, 17
Sgt. E. J. Horton	1st do.	Requal.	Mus. E. P. Buffinton	3d do.	16, 17
Priv. W. E. Landry	1st do.	43, 45	Priv. J. M. Burns	3d do.	15, 16
" W. F. Marston	1st do.	42, 42	" M. L. Carroll	3d do.	15, 15
" C. M. McIsaac	1st do.	42, 43	" M. DeCoste	3d do.	17, 16
" Everett Ring	1st do.	42, 43	" E. A. Hall	3d do.	15, 18
" J. J. Rodgers	1st do.	44, 42	" C. L. Ingersoll	3d do.	15, 17
" Stephen Thomas	1st do.	43, 43	" Ralph F. Irving	3d do.	15, 16
" Mannel Bolcome	2d do.	20, 20	" W. S. Landry	3d do.	17, 18
" W. H. Bolter	2d do.	19, 18	" D. McAuley	3d do.	16, 18
" Geo. L. Browne	2d do.	18, 20	" C. H. Parsons	3d do.	17, 18
" C. K. Butler	2d do.	19, 18	" C. H. Robinson	3d do.	16, 19
" Geo. A. Critchett	2d do.	18, 19	" C. L. Stockelberg	3d do.	17, 19
" J. T. Crowell	2d do.	19, 19			

## COMPANY H, EIGHTH REGIMENT INFANTRY.

Corp'l J. H. Carter	1st Class,	44, 45	Priv. G. H. Plummer	2d Class,	18, 18
Corp'l A. I. Tucker	1st do.	42, 45	Lt. P. A. Fitzgerald	2d do.	-
Capt. H. F. Staples	2d do.	19, 19	Sgt. G. M. Dickey	3d do.	15, 16
Lt. D. B. Purbeck	2d do.	18, 19	Sgt. S. W. Arrington	3d do.	17, 17
Sgt. J. I. Fuller	2d do.	18, 19	Priv. W. H. Boomhover	3d do.	15, 17
" A. B. Osborne	2d do.	18, 19	" C. E. Batchelder	3d do.	17, 19
" W. A. Soper	2d do.	18, 19	" J. H. English	3d do.	16, 17
Corp'l E. P. Fuller	2d do.	18, 20	" H. C. Howe	3d do.	15, 15
Corp'l Geo. N. Jewett	2d do.	18, 19	" W. A. Nichols	3d do.	15, 17
Mus. F. B. West	2d do.	20, 20	" W. P. Nichols	3d do.	17, 17
Priv. E. C. Coan	2d do.	Requal.	" T. O. H. Pineau	3d do.	17, 17
" F. W. Kimball	2d do.	19, 22	" G. B. Parsons	3d do.	16, 18
" E. C. White	2d do.	19, 21	" James Ring	3d do.	15, 17
" L. B. Foss	2d do.	19, 20	" D. Boomhover	3d do.	-
" J. H. Page	2d do.	19, 20			

## COMPANY I, EIGHTH REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Lt. G. N. B. Cousens	S. S.,		44, 48, 48	Priv. W. W. Hall	2d Class,		18, 20
Sgt. W. A. Baker	S. S.,		46, 49, 48	" L. J. Harvey	2d do.		19, 20
Sgt. F. G. Harden	S. S.,		45, 50, 48	" Jere. Laughlin	2d do.		19, 19
Priv. W. T. Abbott	S. S.,		48, 49, 47	" E. Stephens, Jr.	2d do.		20, 22
" John Simpson	S. S.,		44, 48, 47	" J. A. Thompson	2d do.		20, 21
" W. F. Wood	S. S.,		44, 49, 48	" F. A. Wood	2d do.		18, 18
Capt. E. T. Brackett	1st Class,		44, 48	Sgt. M. D. Skinner	3d do.		16, 16
Sgt. F. W. Durgin	1st do.		45, 45	Priv. O. L. Bacheller	3d do.		16, 19
Mus. C. A. Day	1st do.		42, 43	" T. F. Cogan	3d do.		17, 18
Priv. E. P. Dow	1st do.		42, 44	" M. Conbig	3d do.		16, 18
" J. M. Smith	1st do.		42, 45	" J. L. Conbig	3d do.		15, 17
" F. O. Gould	1st do.	Requal.		" F. H. Dow	3d do.		15, 16
Lt. Enoch Gove	2d do.		18, 20	" D. W. Fogg	3d do.		15, 16
Sgt. C. E. Hodgdon	2d do.		21, 22	" J. P. Hart	3d do.		16, 20
Corp'l C. P. Roberts	2d do.		19, 21	" E. F. Hall	3d do.		16, 18
" F. B. Varney	2d do.		18, 19	" F. A. Jellison	3d do.		17, 19
" J. E. Williams	2d do.		18, 18	" F. E. Joy	3d do.		16, 16
" E. C. Cann	2d do.		19, 20	" F. G. Lillyman	3d do.		15, 16
Priv. J. F. Brackett	2d do.		18, 18	" M. A. Lock-			
" E. T. Brackett,				wood	3d do.		15, 16
Jr.	2d do.		21, 21	" T. F. Mather	3d do.		16, 17
" H. A. Carter	2d do.		18, 19	" John Pickett	3d do.		16, 17
" L. B. Carter	2d do.		18, 20	" E. J. Quinn	3d do.		16, 21
" W. H. Cham-				" P. F. Sherman	3d do.		17, 18
berlin	2d do.		19, 20	" W. C. Stone	3d do.		15, 17
" Chas. Cotting	2d do.		18, 19	" A. O. Whitney	3d do.		15, 17
" H. B. Eldridge	2d do.		19, 20				

## COMPANY K, EIGHTH REGIMENT INFANTRY.

Sgt. H. E. Hall	1st Class,	45, 48	Priv. J. Wrest	2d Class,	21, 20
Capt. F. C. Damon	2d do.	18, 18	Sgt. J. T. Carroll	2d do.	19, 19
Lt. A. P. Chase	2d do.	22, 20	Priv. J. D. Brummett	2d do.	19, 19
Sgt. G. W. Battye	2d do.	21, 20	" L. W. Gold-		
Corp'l G. H. Poor	2d do.	22, 22	thwaite	2d do.	Requal.
" W. T. Stone	2d do.	20, 20	" F. L. Park-r	2d do.	19, 17
" H. C. Crosby	2d do.	19, 18	" A. O. Gould	2d do.	16, 15
Mus. C. H. Walker	2d do.	21, 21	" L. W. Watson	2d do.	17, 19
Priv. T. E. Blodgett	2d do.	20, 19	" W. P. Levy	2d do.	17, 18
" F. Brown	2d do.	18, 19	" G. F. Suther-		
" E. Flye	2d do.	23, 22	land	2d do.	16, 16
" E. P. Hammond	2d do.	22, 21	" E. W. Wells	2d do.	18, 17
" J. J. McCauley	2d do.	21, 18	" W. P. Blake	2d do.	19, 16
" D. P. McCarty	2d do.	21, 20	" W. E. Lock-		
" C. F. Mackenzie	2d do.	20, 19	head	2d do.	17, 17
" J. Means	2d do.	19, 19	" Ed. Lawson	2d do.	17, 15
" G. O. Randlett	2d do.	18, 19	Sgt. H. W. French	2d do.	-
" G. W. Scampton	2d do.	19, 19	Priv. E. E. O'Neil	3d do.	-
" A. Smiley	2d do.	18, 18	" F. D. Nimblett	3d do.	-
" W. A. Sillars	2d do.	19, 19	" F. O. Legro	3d do.	-

## COMPANY L, EIGHTH REGIMENT INFANTRY.

Corp'l M. W. Donovan	S. S.,	44, 49, 46	Sgt. Wm. McNiff	1st Class,	43, 43
Priv. J. J. Donovan	S. S.,	45, 48, 47	Corp'l G. W. Blanchard	1st do.	43, 42
Capt. F. A. Coan	1st Class,	42, 42	Priv. J. C. Duchesney	1st do.	42, 46
Lt. James Forbes	1st do.	43, 46	" J. K. Fish	1st do.	46, 46
Sgt. M. H. Manches-			" J. D. Harrington	1st do.	42, 43
ter	1st do.	46, 43	" R. O. Hill	1st do.	42, 44

## COMPANY L, EIGHTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. W. McAloon .	1st Class,	44, 42	Priv. H. J. Watts .	2d Class,	19, 20		
" J. Regan .	1st do.	43, 42	Sgt. Geo. R. Wilton	2d do.	-		
" J. J. Smith .	1st do.	44, 44	Priv. Harry F. Lewis	2d do.	-		
Sgt. J. T. Finn .	2d do.	Requal.	Lt. T. J. Lawless .	3d do.	16, 17		
Corp'l J. D. McRobbie	2d do.	19, 21	Priv. J. Ashburne .	3d do.	15, 16		
Priv. J. Connors .	2d do.	20, 20	" T. L. Callahan	3d do.	16, 17		
" D. H. Beattie .	2d do.	18, 18	" J. A. Campbell	3d do.	16, 18		
" J. T. Beattie .	2d do.	19, 20	" Thomas Coyle .	3d do.	15, 15		
" J. L. Brackett .	2d do.	18, 19	" Joseph Cockroft	3d do.	16, 17		
" W. L. Fernald .	2d do.	Requal.	" D. J. Donovan	3d do.	15, 16		
" A. C. Fish .	2d do.	19, 20	" H. Domingue .	3d do.	15, 16		
" O. Fish .	2d do.	20, 21	" G. M. Henderson	3d do.	16, 17		
" J. J. Gillespie .	2d do.	19, 19	" Joseph Kelly .	3d do.	15, 17		
" A. Glennie .	2d do.	18, 18	" Herbert May .	3d do.	15, 20		
" M. J. Leahy .	2d do.	Requal.	" J. W. Morris .	3d do.	16, 18		
" Dennis Keefe .	2d do.	19, 21	" W. L. Smith .	3d do.	15, 15		
" H. P. Reilly .	2d do.	19, 20	" John Stott .	3d do.	14, 19		
" S. M. Reilly .	2d do.	20, 21	" P. T. Smith .	3d do.	-		
" Edward Wail .	2d do.	19, 19					

## COMPANY M, EIGHTH REGIMENT INFANTRY.

Lt. A. M. Whitten .	S. S.,	Requal.	Priv. O. J. Fretchof	2d Class,	-		
Lt. G. L. Marshall .	S. S.,	49, 49, 48	" A. N. Hale .	2d do.	-		
Sgt. H. W. Whitten .	S. S.,	46, 49, 47	" J. H. Landers .	2d do.	-		
Mus. I. P. Horton .	S. S.,	44, 48, 46	" J. Martin .	2d do.	-		
Priv. W. P. Bond .	1st Class,	-	" G. W. Saurman	2d do.	-		
Priv. J. Kenny, 1st	1st do.	-	" E. J. Withrow .	2d do.	-		
Corp'l W. J. Oliver .	1st do.	44, 48	" E. M. Young .	2d do.	-		
Priv. W. W. Ramsey	1st do.	43, 42	Sgt. L. F. Chamberlin	3d do.	15, 16		
Capt. H. M. Parsons	2d do.	19, 20	Priv. G. O. Cook .	3d do.	15, 19		
Sgt. C. M. Robbins .	2d do.	19, 20	" G. A. Curtis .	3d do.	15, 16		
" A. W. Furlong .	2d do.	18, 18	" C. Everton .	3d do.	15, 17		
" G. I. Canfield .	2d do.	18, 19	" C. C. Hodgdon	3d do.	15, 17		
Corp'l S. D. White .	2d do.	18, 19	" J. W. Hyson .	3d do.	16, 16		
Priv. C. S. Carter .	2d do.	21, 21	" J. Kenny, 2d	3d do.	17, 18		
" F. P. Edwards .	2d do.	18, 20	" R. J. Lynd .	3d do.	15, 15		
" W. C. Hammond	2d do.	18, 18	" O. H. Plummer	3d do.	15, 19		
" F. H. Leslie .	2d do.	20, 21	" L. R. P. Rayne	3d do.	15, 16		
" H. F. Lovering .	2d do.	18, 19	" C. D. Stone .	3d do.	15, 16		
" A. M. Patterson	2d do.	21, 21	" F. W. Allen .	3d do.	-		
" F. S. Riggs .	2d do.	19, 19	" W. N. Boynton	3d do.	-		
" A. C. Taylor .	2d do.	18, 19	" D. E. Emerson	3d do.	-		
" A. E. Ward .	2d do.	19, 20	" C. N. Fletcher	3d do.	-		
" F. J. White .	2d do.	19, 20	" W. C. Hanson .	3d do.	-		
" J. E. Wiley .	2d do.	18, 18	" W. D. Hayden .	3d do.	-		
" R. S. Wiley .	2d do.	21, 22	" F. T. Jones .	3d do.	-		

## FIELD AND STAFF, NINTH REGIMENT INFANTRY.

Maj. W. H. Donovan	S. S.,	46, 48, 47	Asst. Surg. D. F. O'Callaghan .	3d Class,	15, 16		
Lt. John Breen .	S. S.,	47, 49, 46	Sgt. J. E. Donovan	3d do.	15, 16		
Col. F. B. Bogan .	2d Class,	Requal.	Maj. M. J. O'Connor	3d do.	-		
Lt. Col. L. J. Logan	2d do.	18, 19	Surg. W. H. Devine	2d do.	-		
Maj. P. J. Grady .	2d do.	19, 18	Lt. J. H. Nugent	3d do.	-		
Col. Sgt. J. J. Nagle	2d do.	18, 19	Chaplain James Lee	2d do.	-		

## COMPANY A, NINTH REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Capt. D. J. Keefe, .		2d Class,	20, 21	Priv. Wm. O'Brien .	3d Class,	16, 16	
Lt. G. M. Rogers .		2d do.	20, 23	" Paul J. Spillane .	3d do.	15, 15	
Lt. T. J. Sullivan .		2d do.	19, 21	" M. T. Sullivan .	3d do.	15, 15	
Sgt. P. J. Leahy .		2d do.	20, 20	Corp'l C. J. Shea .	3d do.	-	
" Edward Murphy .		2d do.	18, 19	" M. Jenkins .	3d do.	-	
" D. W. Sullivan .		2d do.	19, 21	" M. R. Smith .	3d do.	-	
" E. J. Lee .		2d do.	18, 19	Priv. W. H. Andrews	3d do.	-	
" J. J. Fleming .		2d do.	20, 20	" A. Bagnall .	3d do.	-	
Priv. J. J. Flynn .		2d do.	18, 18	" M. F. Carney .	3d do.	-	
" M. J. McLaugh- lin .		2d do.	20, 18	" J. W. Doherty .	2d do.	-	
" John McCue .		2d do.	19, 19	" J. J. Gallagher .	3d do.	-	
" Chas. H. Potter .		2d do.	20, 20	" Jos. Glynn .	3d do.	-	
" E. J. Callahan .		3d do.	16, 17	" M. J. Hart .	3d do.	-	
" Wm. J. Curtis .		3d do.	15, 15	" Jas. M. Hurley .	3d do.	-	
" M. D. Connor .		3d do.	15, 16	" Thos. P. Little .	3d do.	-	
" T. J. Clements .		3d do.	15, 18	" C. F. McCarthy .	3d do.	-	
" Wm. Daley .		3d do.	15, 17	" M. J. McLaugh- lin .	3d do.	-	
" John Dugan .		3d do.	15, 17	" J. R. McLaugh- lin .	3d do.	-	
" P. J. Foley .		3d do.	16, 16	" S. J. Moore .	3d do.	-	
" J. F. Gunning .		3d do.	17, 15	" Henry Mulder .	3d do.	-	
" Irvin Hess .		3d do.	15, 15	" R. J. Wenmouth .	3d do.	-	
" H. W. Lowder .		3d do.	16, 17	Mus. Robert J. White	3d do.	-	
" John J. Moore .		3d do.	17, 19				
" C. W. Murphy .		3d do.	15, 15				

## COMPANY B, NINTH REGIMENT INFANTRY.

Capt. G. F. H. Mur- ray .	2d Class,	18, 21	Priv. Jas. T. Dunn .	3d Class,	16, 17
Sgt. James F. Walsh .	2d do.	20, 22	" Joseph H. Fee .	3d do.	16, 17
Priv. John J. Hickey .	2d do.	20, 22	" E. M. French .	3d do.	15, 17
Priv. P. M. O'Brien .	2d do.	19, 19	" R. B. Gilliam .	3d do.	15, 15
Lt. M. J. Desmond .	2d do.	-	" W. F. Godvin .	3d do.	16, 17
Sgt. J. A. Guthrie .	3d do.	16, 19	" William Heath .	3d do.	16, 16
Sgt. J. S. McAdams .	3d do.	15, 15	" J. T. Jennings .	3d do.	16, 17
Corp'l T. L. Gavin .	3d do.	16, 17	" D. S. McDonald .	3d do.	15, 17
" P. E. F. Dris- coll .	3d do.	16, 16	" John J. Lynch .	3d do.	15, 16
" J. J. Donahue .	3d do.	16, 17	" Jas. T. Quinn .	3d do.	16, 18
Bug. Geo. C. Wiley .	3d do.	15, 16	" M. D. Reagan .	3d do.	15, 16
Priv. R. F. Arnold .	3d do.	15, 15	" Martin Roust .	3d do.	15, 17
" E. T. Barry .	3d do.	15, 16	" Geo. G. Saylor .	3d do.	15, 16
" G. F. B. Crow- tin .	3d do.	15, 17	" John T. Stone .	3d do.	15, 16
" Charles Dorgan .	3d do.	15, 15	" Jas. F. Trainor .	3d do.	15, 15
			" A. F. Vance .	3d do.	16, 17
			Sgt. Chas. S. Hamm	3d do.	-

## COMPANY C, NINTH REGIMENT INFANTRY.

Lt. Henry Crane .	2d Class,	19, 20	Corp'l D. V. Driscoll	3d Class,	15, 16
Corp'l Jos. J. Foley .	2d do.	19, 21	Priv. J. R. Collins .	3d do.	15, 16
" J. J. O'Neill .	2d do.	18, 19	" Thos. F. Curley .	3d do.	16, 17
" H. A. Healy .	2d do.	22, 23	" P. F. Doherty .	3d do.	16, 16
Priv. J. M. Cotter .	2d do.	18, 19	" Jos. S. Gavin .	3d do.	16, 17
Sgt. T. E. McCarthy .	3d do.	-	" John Glynn .	3d do.	16, 17
Capt. T. F. Quinlan .	3d do.	15, 15	" James Tobin .	3d do.	15, 16
Sgt. John Spillane .	3d do.	15, 15	" T. E. Lonergan .	3d do.	-
Sgt. Thos. J. Lawlor	3d do.	17, 18			

## COMPANY D, NINTH REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. E. J. Howard .	2d Class,	18, 19	Priv. C. H. D. Murphy	3d Class,	16, 15		
Priv. M. J. Murphy .	2d do.	20, 21	" M. J. Power .	3d do.	16, 15		
Lt. David M. Crotty .	2d do.	21, 19	" Thos. F. Troy .	3d do.	16, 20		
Lt. J. B. Carey, Jr. .	2d do.	22, 22	" Wm. McKeever .	3d do.	16, 18		
Priv. J. J. Garrity .	2d do.	18, 18	" C. H. Emerson .	3d do.	16, 17		
1st Sgt. J. J. Doyle .	2d do.	20, 20	Sgt. T. J. Gallagher	3d do.	15, 17		
Corp'l C. E. Townsend	2d do.	21, 21	Priv. P. A. Daley .	3d do.	16, 17		
Priv. J. F. Murphy .	2d do.	19, 18	" E. J. Howard .	3d do.	17, 16		
Priv. J. P. Murphy .	2d do.	18, 19	" J. McTienan .	3d do.	16, 16		
Sgt. Percy D. Sawyer .	3d do.	15, 15	" M. A. O'Neill .	3d do.	17, 15		
Priv. J. A. Turnbull .	3d do.	17, 19	" M. J. Murphy .	3d do.	16, 17		
Priv. P. H. Mullen .	3d do.	17, 16	Corp'l E. J. McBride	3d do.	16, 18		
Capt. F. T. L. Magurn .	3d do.	18, 16	Sgt. T. J. Maloney .	3d do.	16, 17		
Priv. Joseph Delany .	3d do.	16, 17	Priv. E. G. O'Hara .	3d do.	15, 16		
Priv. W. P. Watson .	3d do.	16, 18	" W. A. Kinsley .	3d do.	16, 16		
Corp'l Frank S. Har-			" Andrew Egan .	3d do.	16, 17		
ington .	3d do.	17, 16	" W. H. Donovan .	3d do.	18, 17		
Priv. F. M. Hunter .	3d do.	16, 17	" John F. Tierney .	3d do.	17, 18		
" J. S. Blagdon .	3d do.	16, 17	Corp'l C. E. Brines .	3d do.	17, 16		

## COMPANY E, NINTH REGIMENT INFANTRY.

Capt. J. G. Fennessey	S. S.,	46, 48, 46	Priv. J. J. Heffernan	3d Class,	15, 16
Corp'l E. S. Rice .	S. S.,	44, 45, 48	" G. F. Hodnett .	3d do.	15, 16
Mus. John R. Cuddy	1st Class,	46, 46	" Edw. F. Kehoe .	3d do.	16, 16
Sgt. F. R. Carroll .	2d do.	18, 19	" Jas. J. Kelley .	3d do.	17, 17
Lt. Richard H. Foley	2d do.	19, 22	" Edw. Kenney .	3d do.	15, 15
Priv. J. F. Golden .	2d do.	21, 21	Sgt. John H. Kyle .	3d do.	15, 16
Priv. J. J. Harrington	2d do.	18, 19	Priv. Stephen Lynch	3d do.	15, 16
Corp'l T. F. McCarthy	2d do.	19, 19	" J. A. McAlevy .	3d do.	15, 17
Corp'l J. L. Molloy .	2d do.	18, 19	" D. J. McAnulty .	3d do.	15, 16
Priv. D. P. Sullivan .	2d do.	18, 19	" H. J. McCarron .	3d do.	16, 16
Lt. J. J. Sullivan .	2d do.	18, 18	" W. H. McCarthy .	3d do.	16, 17
Priv. J. J. Talbot .	2d do.	20, 21	" J. A. McLaugh-		
Corp'l Wm. M. Ayer .	3d do.	16, 16	lin .	3d do.	15, 15
Sgt. John J. Barry .	3d do.	15, 16	" J. J. McNamara .	3d do.	15, 16
Priv. Louis J. Brady .	3d do.	16, 17	" P. J. McNulty .	3d do.	15, 15
" Wm. J. Burke .	3d do.	15, 15	" D. F. Mehanan .	3d do.	15, 15
" W. H. Cadigan .	3d do.	15, 16	" John J. Murphy .	3d do.	15, 16
" Wm. J. Catten .	3d do.	15, 15	" T. M. O'Brien .	3d do.	15, 16
" C. Crowley .	3d do.	16, 17	" C. O'Donnell .	3d do.	16, 16
" John L. Curry .	3d do.	16, 17	Corp'l P. F. O'Keefe	3d do.	15, 16
" C. J. Driscoll .	3d do.	15, 15	Priv. G. A. Powers .	3d do.	15, 16
" A. J. Farquhar-			" R. D. Quirk .	3d do.	15, 16
son .	3d do.	15, 15	" J. J. Reardon .	3d do.	17, 17
" T. F. Feeley .	3d do.	15, 15	" P. H. Riley .	3d do.	17, 18
" E. J. Fennessey .	3d do.	15, 16	" M. A. Ryan .	3d do.	15, 17
" E. J. Gallagher .	3d do.	15, 17	" W. H. Stevens .	3d do.	16, 17
Corp'l D. J. Gleason .	3d do.	15, 16	" Daniel Sullivan .	3d do.	16, 17
Sgt. James M. Griffin	3d do.	17, 18	" John F. Winn .	3d do.	15, 16
Priv. J. E. Haskin .	3d do.	16, 16			

## COMPANY F, NINTH REGIMENT INFANTRY.

Capt. J. H. Joubert .	S. S.,	45, 48, 47	Corp'l Bernard Cun-		
Sgt. Thos. Kirkwood	S. S.,	47, 49, 46	ningham .	1st Class,	43, 44
Corp'l P. Barry .	1st Class,	42, 45	Priv. Chas. Duffin .	1st do.	43, 43
Lt. Michael S. Boles	1st do.	42, 44	Corp'l W. H. Gemmell	1st do.	43, 43

## COMPANY F, NINTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sgt. James Moran		1st Class,	42, 43	Priv. Patrick Walsh	2d Class,	21, 22	
Sgt. R. W. Patterson		1st do.	44, 43	" J. O. Wheeler	2d do.	19, 20	
Priv. P. Regan		1st do.	42, 42	" J. Woodburn	2d do.	19, 18	
Lt. P. A. Sands		1st do.	43, 43	" M. J. Barden	3d do.	16, 19	
Priv. Wm. A. Corey		2d do.	18, 20	" J. H. Brown	3d do.	16, 17	
Priv. John J. Cronin		2d do.	18, 19	" J. F. Burke	3d do.	15, 18	
Sgt. John F. Devine		2d do.	19, 20	" M. J. Byrne	3d do.	16, 18	
Priv. M. Donohoe		2d do.	18, 18	" Daniel Donohoe	3d do.	15, 16	
" Murty Dugan		2d do.	19, 20	" Joseph Donohoe	3d do.	15, 16	
" D. H. Finn		2d do.	20, 22	" John Donoghoe	3d do.	15, 15	
" Wm. Gordon		2d do.	20, 20	" J. J. Harrison	3d do.	15, 16	
" Wm. Grant		2d do.	20, 20	" C. Holroyd	3d do.	16, 18	
" John Kane		2d do.	22, 23	" M. Howard	3d do.	16, 17	
Sgt. T. A. Kennedy		2d do.	20, 23	" John B. Jones	3d do.	15, 16	
Sgt. D. H. Kelleher		2d do.	18, 21	" J. H. Kenney	3d do.	17, 17	
Priv. J. J. Kelleher		2d do.	18, 20	" P. Kennedy	3d do.	15, 16	
" W. E. Knightly		2d do.	18, 19	" R. A. Linnehan	3d do.	15, 17	
" F. Lemelle		2d do.	19, 20	" Timothy Lynch	3d do.	15, 15	
" Wm. Lemelle		2d do.	18, 18	" Emory Miller	3d do.	15, 16	
Corp'l P. J. Lucy		2d do.	21, 21	" James McGurn	3d do.	16, 16	
Priv. Joseph Mosher		2d do.	18, 19	" P. J. O'Callaghan	3d do.	16, 21	
" T. F. O'Neill		2d do.	18, 18	" John Regan	3d do.	15, 15	
" Patrick Quinn		2d do.	20, 21	" Edward Ward	3d do.	17, 17	
" A. O. Simmers		2d do.	19, 21	" J. F. Whittaker	3d do.	15, 16	
" Michael Smith		2d do.	19, 22	Corp'l T. F. Powers	3d do.	-	
Corp'l J. H. Sweeney		2d do.	18, 20				

## COMPANY G, NINTH REGIMENT INFANTRY.

Sgt. R. M. Burns	S. S.,	46, 49, 46	Sgt. W. E. McCann	2d Class,	-	
Lt. M. E. Hinds	1st Class,	43, 43	Priv. E. A. Maliea	3d do.	-	
Lt. J. Movnihan	1st do.	42, 42	" W. F. Casey	3d do.	16, 18	
Priv. J. W. Curran	2d do.	20, 20	" C. Degnan	3d do.	15, 17	
Priv. J. Casey	2d do.	18, 18	" F. M. Flanley	3d do.	15, 16	
Corp'l J. W. Ellis	2d do.	19, 19	" H. Griffin	3d do.	16, 17	
Priv. J. J. Gallagher	2d do.	18, 21	Corp'l T. W. Kenni-			
Sgt. J. F. Hurley	2d do.	20, 22	ery	3d do.	15, 16	
Corp'l J. F. Horan	2d do.	20, 22	Priv. J. E. Lanigan	3d do.	15, 18	
Priv. M. J. Horan	2d do.	19, 20	Priv. F. J. Movnihan	3d do.	16, 17	
Corp'l R. Lee	2d do.	18, 20	Corp'l J. P. McManus	3d do.	17, 19	
Sgt. P. J. McManus	2d do.	20, 21	Priv. J. F. Quinn	3d do.	15, 16	
Corp'l J. F. McGrath	2d do.	19, 18	" T. F. Rooney	3d do.	15, 18	
Priv. F. McGrath	2d do.	18, 18	" P. J. Sullivan	3d do.	17, 17	
Capt. Wm. Regan	2d do.	18, 18	" J. E. Valentine	3d do.	15, 19	
Priv. J. D. McSweeney	2d do.	18, 18	Corp'l M. Hayes	3d do.	-	

## COMPANY H, NINTH REGIMENT INFANTRY.

Sgt. F. H. Laskey	1st Class,	42, 46	Corp'l M. J. Ratigan	3d Class,	15, 16	
Mus. F. J. Magee	1st do.	42, 43	" Edw. J. Ryan	3d do.	15, 15	
Lt. Wm. J. Mildrum	1st do.	-	" P. H. Sullivan	3d do.	15, 15	
Capt. John J. Hayes	2d do.	19, 20	Priv. Jas. P. Clark	3d do.	16, 17	
Lt. B. J. Flanigan	2d do.	19, 21	" J. S. Donohoe	3d do.	15, 17	
Sgt. Jas. A. Bragan	2d do.	19, 21	" Joseph King	3d do.	16, 17	
Sgt. T. F. Clark	2d do.	18, 19	" J. J. Lennon	3d do.	15, 15	
Corp'l Jas. Reardon	2d do.	18, 18	" W. F. Manning	3d do.	17, 19	
Priv. Frank J. Ryan	2d do.	19, 20	" J. P. Sullivan	3d do.	15, 16	
" Geo. Wilkinson	2d do.	18, 19	" Wm. F. Tighe	3d do.	-	
" Fred T. Sears	2d do.	18, 19				

## COMPANY I, NINTH REGIMENT INFANTRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Capt. L. A. Dowd		2d Class,	23, 21	Priv. J. A. Hanlon		3d Class,	17, 17
Lt. John H. Dunn		2d do.	20, 20	" William Hart		3d do.	15, 15
Sgt. J. S. Benton		2d do.	20, 21	" J. T. Kilroe		3d do.	15, 15
Sgt. Jas. A. Cully		2d do.	19, 19	" B. J. O'Brien		3d do.	17, 16
Priv. P. F. Clancy		2d do.	18, 20	" J. A. O'Connor		3d do.	17, 16
Sgt. P. W. Kenney		2d do.	18, 19	" F. J. Perkins		3d do.	16, 19
Sgt. M. F. Morrissey		2d do.	18, 19	" John W. Reilley		3d do.	18, 17
Priv. G. F. O'Donnell		2d do.	18, 18	" P. J. Ryan		3d do.	15, 17
" Jas. H. Stout		2d do.	18, 18	Corp'l John J. Ryan		3d do.	15, 16
" John J. Doyle		3d do.	18, 16	Bug. Frank Sullivan		3d do.	17, 19
" P. H. Flaherty		3d do.	16, 15	Priv. M. J. Stafford		3d do.	16, 19
" E. D. Fitzgerald		3d do.	15, 16	" F. H. White		3d do.	16, 23
" D. A. Griffin		3d do.	16, 18	" Geo. A. Yeagle		3d do.	15, 15
" P. J. Grogan		3d do.	16, 15	Lt. Wm. J. Casey		3d do.	-

## COMPANY K, NINTH REGIMENT INFANTRY.

Lt. Peter J. Cannon	1st Class,	42, 42	Priv. Wm. Buckley	3d Class,	15, 16
Priv. Mat. Connelly	1st do.	42, 44	Priv. P. J. Cannon	3d do.	15, 16
Mus. J. M. Connelly	1st do.	44, 43	Sgt. R. J. Crothers	3d do.	17, 15
Priv. Joseph Newell	1st do.	42, 42	Priv. T. Donnelly	3d do.	16, 15
Sgt. James Pender	1st do.	42, 42	" J. R. Eustace	3d do.	16, 16
Capt. W. F. Shaughnessy	1st do.	44, 45	" J. H. Ennis	3d do.	16, 16
Priv. D. J. Burns	2d do.	22, 20	" P. J. Ferguson	3d do.	16, 15
Lt. J. B. Gallagher	2d do.	18, 19	Corp'l Wm. Grady	3d do.	15, 15
Priv. M. J. Gannon	2d do.	19, 19	Priv. Patrick Hester	3d do.	16, 17
Priv. T. J. Higgins	2d do.	18, 18	Sgt. M. J. Healy	3d do.	15, 16
Corp'l M. F. Joyce	2d do.	22, 20	Priv. H. Jennings	3d do.	15, 16
Priv. T. M. Jennings	2d do.	19, 18	" Thos. Kelley	3d do.	17, 16
Corp'l Michael King	2d do.	19, 19	" J. P. Kittbridge	3d do.	15, 20
Sgt. M. F. O'Malley	2d do.	18, 18	" J. J. Kellev	3d do.	15, 15
Priv. M. J. O'Malley	2d do.	18, 19	" E. McConville	3d do.	16, 16
" James O'Toole	2d do.	18, 19	" J. McConville	3d do.	15, 15
" H. E. Poole	2d do.	19, 19	Sgt. Thos. Moran	3d do.	16, 16
Corp'l Thos. M. Ward	2d do.	19, 19	Priv. Corn. Murphy	3d do.	16, 15
Priv. Robert Amour	3d do.	15, 15	" Rohrt. McReil	3d do.	15, 16
" David Brooks	3d do.	17, 15	" P. A. O'Malley	3d do.	15, 15
" M. J. Bryne	3d do.	18, 15	Corp'l J. W. Reynolds	3d do.	15, 16
Corp'l J. J. Boyle	3d do.	16, 17	Priv. J. J. B. Sullivan	3d do.	16, 16

## COMPANY L, NINTH REGIMENT INFANTRY.

Lt. M. E. Morris	S. S.,	49, 50, 50	Corp'l M. J. Desmond	2d Class,	18, 18
Sgt. J. B. Hall	S. S.,	44, 49, 48	Priv. J. H. Beatty	2d do.	18, 18
Sgt. C. O. McCarthy	S. S.,	Requal.	" E. E. Bill	2d do.	18, 18
Corp'l J. H. Maloney	S. S.,	44, 49, 48	" J. F. Brennan	2d do.	18, 18
Capt. A. A. Kane	1st Class,	42, 42	" E. F. Bull	2d do.	18, 21
Sgt. C. E. Rice	1st do.	43, 45	" T. F. Collins	2d do.	18, 19
Sgt. D. C. Murphy	1st do.	42, 43	" M. J. Flemming	2d do.	18, 18
Corp'l J. H. McGee	1st do.	43, 45	" J. F. Kenealy	2d do.	19, 19
" T. J. Murphy	1st do.	Requal.	" E. A. Kenny	2d do.	18, 18
" P. J. Donahoe	1st do.	Requal.	" J. W. Kyte	2d do.	19, 21
Priv. C. E. Backstran	1st do.	Requal.	" J. H. McGrath	2d do.	18, 19
" P. Connealy	1st do.	Requal.	" J. P. McGurrian	2d do.	18, 18
" S. P. Coose	1st do.	Requal.	" C. H. Sayers	2d do.	18, 18
" W. J. Hogan	1st do.	42, 44	" J. E. Sayers	2d do.	18, 19
" E. W. Kendall	1st do.	44, 43	" R. F. Sweeney	2d do.	18, 18
Corp'l J. W. Connors	2d do.	18, 19	" P. A. Tatro	2d do.	18, 19

## COMPANY L, NINTH REGIMENT INFANTRY—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. W. J. Welch		2d Class,	18, 19	Priv. T. E. Desmond		3d Class,	15, 15
Sgt. B. S. Tilton		2d do.	-	" T. J. Eagan		3d do.	15, 15
Mus. E. F. Lucey		3d do.	15, 16	" B. E. Garritty		3d do.	15, 15
Priv. C. Brady		3d do.	15, 15	" W. F. Hayes		3d do.	15, 17
" L. Champney,				" T. J. Keefe		3d do.	15, 15
Jr.		3d do.	16, 16	" J. N. Morean		3d do.	15, 17
" T. F. Connelly		3d do.	15, 16	" A. F. Peterson		3d do.	15, 17
" F. D. Coose		3d do.	15, 16	" H. E. Gilmore		3d do.	-

## COMPANY M, NINTH REGIMENT INFANTRY.

Priv. F. J. Hopkins	1st Class,	50, 44	Priv. Joseph J. Doyle	3d Class,	15, 16
Capt. A. D. Mitten	1st do.	42, 44	" Charles Elliot	3d do.	16, 16
Lt. Phillip McNulty	1st do.	42, 45	" A. J. Fallon	3d do.	15, 15
Sgt. John J. Royal	1st do.	44, 43	Corp'l M. J. Fallon	3d do.	17, 17
Lt. John J. Ganley	1st do.	Requal.	Corp'l Fred Forsberg	3d do.	15, 15
Priv. Jas. W. Amburg	2d do.	18, 19	Priv. M. Griffin	3d do.	15, 15
Sgt. R. Blennerhassett	2d do.	22, 18	Priv. Thomas Griffin	3d do.	15, 15
Priv. John J. Casey	2d do.	19, 18	Sgt. D. F. Hallisey	3d do.	17, 16
" Frank Donahue	2d do.	19, 19	Priv. Patrick Heslin	3d do.	16, 16
" F. Dempsey	2d do.	19, 19	" C. O. Hathaway	3d do.	15, 17
Corp'l F. McGrath	2d do.	21, 21	" Jas. C. Keefe	3d do.	15, 15
Sgt. Wm. H. Murray	2d do.	19, 20	" T. W. Kelleher	3d do.	15, 15
Priv. T. O. Connor	2d do.	19, 19	" Patrick Lerner	3d do.	15, 16
" Frank G. Parks	2d do.	19, 18	" M. J. Miskel	3d do.	16, 16
" Fred J. Rollins	2d do.	19, 18	" John Maguire	3d do.	15, 16
Sgt. M. J. Sheehan	2d do.	19, 18	" P. Maguire	3d do.	15, 16
Priv. Jas. P. Vaughn	2d do.	21, 21	" Jas. P. Myron	3d do.	15, 16
" James Donnelly	2d do.	18, 19	" Thomas Nagle	3d do.	15, 16
" Thos. F. Casey	3d do.	15, 15	" Frank Patnaud	3d do.	17, 17
" James Burnett	3d do.	15, 15	" Robt. W. Parks	3d do.	17, 17
" D. F. Coughlin	3d do.	16, 16	" C. L. Sponholtz	3d do.	16, 16
" Alfred A. Davis	3d do.	17, 17	" A. G. Thurston	3d do.	15, 18
" A. B. Duncan	3d do.	17, 17	" F. W. Vaughn	3d do.	16, 18
			" Wm. Warner	3d do.	15, 16

## FIELD AND STAFF, FIRST CORPS CADETS.

Sgt. Maj. Herbert C. Wells	D. M.,	Requal.	Surg. Wm. L. Richardson	2d Class,	19, 20
Lt. Wm. A. Hayes, 2d	S. S.,	Requal.	Hos. Stw'd A. S. Knight	3d do.	15, 16
I. R. P.	1st Class,	Requal.	Lt. Chas. C. Melcher	3d do.	15, 15
Lt. J. E. R. Hill	2d do.	18, 20	Sgt. C. T. Lovering	1st do.	-
Edmans	2d do.	18, 20	Maj. Geo. R. Rogers	1st do.	-
Asst. Surg. Charles M. Green	2d do.	19, 19			

## COMPANY A, FIRST CORPS CADETS.

Sgt. Thos. D. Barroll	D. M.,	Requal.	Corp'l J. A. Blanchard	2d Class,	20, 20
Sgt. M. Williams, Jr.	S. S.,	47, 49, 46	Priv. G. C. Bullard	2d do.	18, 20
Capt. F. H. Appleton	1st Class,	Requal.	Corp'l C. H. Cole, Jr.	2d do.	22, 21
Mus. F. J. Macfarlane	1st do.	Requal.	Priv. Thos. P. Curtis	2d do.	19, 19
Priv. R. Wainwright	1st do.	43, 42	Priv. J. S. Fay, 3d	2d do.	18, 20
Corp'l Sheafe C. Ross	1st do.	-	Lt. Frank L. Joy	2d do.	20, 21

## COMPANY A, FIRST CORPS CADETS—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. C. E. Bassett.		2d Class,	-	Lt. L. H. Wightman		2d Class,	19, 20
" J. H. A. Currier		2d do.	-	Priv. T. S. Bradlee		2d do.	Requal.
" Walter H. Howe		2d do.	-	" J. W. Saxe		2d do.	18, 20
" C. E. Lockwood		2d do.	-	" R. P. Waters		3d do.	16, 16
" W. N. Lockwood		2d do.	18, 19	" Geo. B. Blake		3d do.	-
" P. T. Lowell		2d do.	18, 19	" John S. Curtis		3d do.	-
" Lynde Sullivan		2d do.	-	" John Lavalle		3d do.	-
Sgt. Thomas Talbot		2d do.	18, 19	" C. H. Richardson		3d do.	-
Corp'l F. T. Walsh,		2d do.	19, 19	" R. K. Thomas		3d do.	-

## COMPANY B, FIRST CORPS CADETS.

Priv. H. N. Conn	D. M.,	Requal.	Priv. J. W. Grimes	2d Class,	Requal.
Corp'l F. P. Smith	D. M.,	43, 48, 48	" W. S. Lincoln	2d do.	21, 21
Corp'l H. W. Gore, Jr.	S. S.,	44, 49, 48	Corp'l J. W. Longstreet	2d do.	18, 19
Priv. J. M. Fortal	S. S.,	44, 48, 46	Priv. H. P. Meikle-		
Priv. John W. Shaw	S. S.,	47, 48, 47	ham	2d do.	18, 20
Capt. Wm. H. Alline	1st Class,	Requal.	" H. B. Prindle	2d do.	18, 19
Lt. Wm. B. Clarke	1st do.	Requal.	" P. K. A. Rich-		
Sgt. J. G. White	1st do.	Requal.	ardson	2d do.	18, 21
Priv. David Hansen	1st do.	44, 46	Sgt. A. J. Rowan	2d do.	19, 22
" A. E. Lothrop	2d do.	-	Priv. W. A. Simpson	2d do.	19, 19
" W. B. Southgate	2d do.	-	" N. K. Smith	2d do.	18, 19
" C. F. Bigelow	2d do.	18, 19	" D. H. S. Tappan	2d do.	18, 19
Sgt. F. B. Carpenter	2d do.	20, 21	Corp'l C. B. Tucker	2d do.	18, 20
Priv. H. A. T. Dow	2d do.	Requal.	Priv. N. S. Waite	2d do.	19, 20
Mus. J. W. Forbes	2d do.	22, 22	" G. W. Walker	2d do.	Requal.
Priv. H. B. Grant	2d do.	21, 21	" F. F. Phinney	3d do.	17, 17

## COMPANY C, FIRST CORPS CADETS.

Sgt. Virgil C. Pond	S. S.,	45, 50, 47	Priv. M. B. Faxon	2d Class,	19, 18
Priv. H. L. Bigelow	S. S.,	44, 48, 47	" N. F. Greeley	2d do.	18, 19
Priv. H. V. Thayer	S. S.,	Requal.	" E. P. Hervey	2d do.	21, 22
Capt. A. Robeson	1st Class,	Requal.	" F. H. Little	2d do.	20, 19
Lt. W. L. Bouvé	1st do.	Requal.	" G. H. Paine	2d do.	20, 22
Corp'l W. B. Stearns	1st do.	Requal.	" C. H. Swanton	2d do.	18, 19
Priv. E. D. T. Harrington	1st do.	42, 45	Sgt. Frank N. Brown	3d do.	18, 15
Priv. E. R. Nash	1st do.	-	Priv. E. R. Buffinton	3d do.	15, 16
Sgt. R. D. Sears	1st do.	-	" Warren A. Cook	3d do.	18, 17
Priv. C. W. Sabin, Jr.	2d do.	-	" O. W. McD.		
Priv. F. E. Wood	2d do.	-	Cushing	3d do.	17, 18
Corp'l R. G. Frye	2d do.	-	" F. J. V. Dakin	3d do.	16, 18
Priv. G. M. R. Morse	2d do.	-	" J. M. Quinby	3d do.	16, 16
Priv. G. Stowe	2d do.	-	" R. Selfridge	3d do.	15, 19
Sgt. H. D. Warren	2d do.	18, 18	" C. E. Stearns	3d do.	16, 16
Sgt. A. L. Spring	2d do.	20, 19	" F. A. Stearns	3d do.	15, 15
Corp'l W. M. Buffum	2d do.	20, 20	" W. J. Toppan	3d do.	17, 16
" Louis C. Page	2d do.	21, 22	Sgt. J. E. A. Hussey	3d do.	-
" C. N. Fairchild	2d do.	20, 19	Corp'l F. J. Alley	3d do.	-
Priv. D. H. Dearborn	2d do.	18, 20	Priv. M. G. Baldwin	3d do.	-
" W. R. Dorr	2d do.	21, 21	" A. B. Emmes	3d do.	-
" Morrill Dunn	2d do.	18, 19	" C. F. Page	3d do.	-

## COMPANY D, FIRST CORPS CADETS.

Sgt. Chas. A. Parker	D. M.,	45, 50, 48	Sgt. W. W. Churchill		
Corp'l A. G. Brigham	S. S.,	Requal.	Jr.	S. S.,	Requal.

## COMPANY D, FIRST CORPS CADETS — Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv.	George A. Dill	S. S.,	Requal.	Priv.	A. McMillan, Jr.	2d Class,	18, 20
"	L. F. Gray	S. S.,	Requal.	"	C. F. B. Philbrook	2d do.	18, 18
"	M. D. W. Greene	S. S.,	Requal.	"	A. S. Porter, Jr.	2d do.	18, 18
"	W. C. Langdon, Jr.	S. S.,	Requal.	Capt.	Henry B. Rice	2d do.	18, 18
"	C. Webb	S. S.,	Requal.	Priv.	C. K. Small	2d do.	20, 21
"	C. H. Alden, Jr.	1st Class,	Requal.	Mus.	T. E. Spears	2d do.	18, 19
"	Allen C. Jones	1st do.	Requal.	Priv.	T. F. Stoddard	2d do.	21, 21
"	Edwin L. Kent	1st do.	42, 44	Sgt.	R. Whidden	2d do.	19, 19
"	B. L. Knapp	1st do.	44, 43	Corp'l	H. M. Williams	2d do.	20, 20
"	Fred S. Louis	1st do.	42, 46	Priv.	C. W. Young	2d do.	18, 18
Sgt.	W. S. Simmons	1st do.	Requal.	"	W. T. Ulman	2d do.	21, 22
Corp'l	J. F. Stevens	1st do.	Requal.	"	F. A. Wilson	2d do.	-
Priv.	J. D. Upton	2d do.	44, 42	"	A. C. Briggs	3d do.	16, 17
Sgt.	F. Elliott Cabot	2d do.	18, 19	"	F. W. Clapp	3d do.	15, 17
Priv.	G. H. Chittenden	2d do.	21, 22	"	Albert B. Cram	3d do.	15, 17
"	J. L. Damon, Jr.	2d do.	21, 21	Lt.	E. E. Currier	3d do.	15, 16
"	H. S. Hallett	2d do.	19, 20	Priv.	J. H. Hilton	3d do.	16, 16
"	G. H. Hallowell	2d do.	19, 20	"	L. W. Jenkins	3d do.	16, 17
"	E. S. Hilton	2d do.	19, 19	"	C. B. Morrill	3d do.	15, 19
"	H. Houghton	2d do.	20, 20	"	C. D. Noyes	3d do.	15, 16
"	E. H. Hoyt	2d do.	19, 20	"	S. F. Robinson	3d do.	16, 16
"	L. H. H. Johnson	2d do.	18, 18	Corp'l	W. Walker	3d do.	15, 16
"	E. H. Lewis	2d do.	18, 20	Priv.	C. H. Cross, 2d	3d do.	15, 15
"	C. E. Loud	2d do.	19, 19	"	C. L. Simpson	3d do.	-
				"	R. Thayer	3d do.	-
				Lt.	T. B. Ticknor	3d do.	-

## FIELD AND STAFF, SECOND CORPS CADETS.

Lt.	W. H. Merritt, I.			Dm Maj.	A. D. Coule	3d Class,	-
R. P.		D. M.,	47, 50, 49	Lt.	E. A. Maloon	3d do.	-
Lt.	Andrew Fitz	2d Class,	18, 18	Lt. Col.	J. W. Hart	3d do.	-
Sgt.	C. W. Lang	3d do.	-	Maj.	B. R. Symonds,		
Chap'n	E. C. Butler	3d do.	-	Jr.		3d do.	-

## COMPANY A, SECOND CORPS CADETS.

Capt.	C. J. Baker	D. M.,	45, 49, 47	Corp'l	F. E. Davis	2d Class,	18, 18
Sgt.	G. E. Symonds	D. M.,	45, 48, 47	Priv.	T. J. Fraser	2d do.	18, 19
Lt.	C. F. Ropes	S. S.,	Requal.	"	C. C. Friend	2d do.	19, 21
Sgt.	R. Robertson	S. S.,	Requal.	"	A. W. Green	2d do.	18, 20
Priv.	G. W. Blinn	1st Class,	43, 45	"	C. H. Hodgkinson	2d do.	18, 18
Corp'l	F. F. Ferrin	1st do.	42, 42	Corp'l	A. Robertson	2d do.	18, 19
Lt.	J. E. Spencer	1st do.	Requal.	Priv.	E. C. Ropes	2d do.	19, 19
Corp'l	A. Stephenson, Jr.	1st do.	45, 42	"	J. M. Simpson	2d do.	20, 21
Sgt.	E. T. Graham	1st do.	42, 44	"	N. T. Very	2d do.	21, 21

## COMPANY B, SECOND CORPS CADETS.

Lt.	R. W. Ropes	S. S.,	46, 48, 46	Priv.	G. W. Nolcini	1st Class,	47, 45
Lt.	P. F. Packard	S. S.,	47, 48, 46	"	F. R. Safford	1st do.	42, 46
Sgt.	H. S. Gilman	S. S.,	46, 48, 47	Capt.	W. F. Peck	2d do.	19, 21
Corp'l	F. S. Perkins	1st Class,	42, 47	Corp'l	H. R. Peach	2d do.	18, 20
Priv.	W. E. Littlefield	1st do.	44, 45	Priv.	W. W. Babbidge	2d do.	18, 19

## COMPANY B, SECOND CORPS CADETS — Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. J. W. Dodge		2d Class,	18, 18	Priv. A. A. Frost	2d Class,	-	
" A. M. Fltz		2d do.	18, 20	" F. L. Nutter	3d do.	17, 19	
" G. A. Millett		2d do.	20, 21	" G. A. Smith	3d do.	17, 17	
" H. Putnam,		2d do.	21, 22	" H. S. Perkins	3d do.	15, 18	
" F. H. Sanger		2d do.	18, 18	" J. S. Peabody	3d do.	17, 18	
Sgt. H. F. Dalton		2d do.	-	" F. T. Chase	3d do.	-	
Sgt. B. B. Conrad		2d do.	-	" C. I. Woodman	3d do.	-	
Priv. J. P. Brown		2d do.	-	" J. S. Williams, Jr.	3d do.	-	

## COMPANY C, SECOND CORPS CADETS.

Priv. E. F. Bergholtz	D. M.,	Requal.	Priv. H. B. Brooks	2d Class,	18, 18
Sgt. D. M. Bruce	D. M.,	49, 50, 47	Corp'l F. E. Clark	2d do.	21, 21
Priv. Benj. Dimock	D. M.,	49, 50, 46	Priv. E. J. Green	2d do.	18, 19
" C. E. Horton	D. M.,	48, 50, 46	Sgt. H. L. Horton	2d do.	20, 21
" W. G. Hussey	D. M.,	49, 50, 46	Corp'l J. Ingram	2d do.	21, 21
" S. D. Edwards	D. M.,	Requal.	Priv. A. B. Jones	2d do.	18, 18
" J. P. Hickey	D. M.,	50, 50, 49	Priv. A. A. Moseley	2d do.	18, 19
Sgt. A. F. Hull	D. M.,	48, 50, 46	Capt. C. W. Osgood	2d do.	19, 20
Priv. W. C. Sanborn	D. M.,	Requal.	Priv. A. L. Walwork	2d do.	21, 21
Sgt. W. E. Smith	D. M.,	44, 48, 47	" L. P. Watkins	2d do.	18, 18
Priv. Geo. A. Irving	1st Class,	-	" G. M. Young	2d do.	19, 19
Corp'l J. G. Burbeck	1st do.	42, 43	" D. L. Jewett	3d do.	15, 16
Sgt. J. N. Clark	1st do.	Requal.	" W. J. Lewis	3d do.	17, 17
Sgt. H. S. Cummings	1st do.	45, 44	" B. F. Nason	3d do.	16, 16
Lt. F. S. Horton	1st do.	42, 45	" E. H. Nason	3d do.	16, 16
Mus. J. C. Hubon	2d do.	-	" F. E. Nason	3d do.	15, 15
" C. G. Pickett	2d do.	-	Priv. L. P. Balser	3d do.	-
" J. H. Shurman	2d do.	-	" K. Porter	3d do.	-
Lt. A. N. Webb	2d do.	-	" C. D. Ward	3d do.	-
Corp'l J. C. Brown	2d do.	18, 18			

## COMPANY D, SECOND CORPS CADETS.

Sgt. W. H. Bean	D. M.,	45, 48, 48	Corp'l R. N. Mackay	2d Class,	19, 21
Sgt. G. E. Worthen	D. M.,	46, 48, 46	Priv. S. T. Norcross	2d do.	19, 20
Priv. W. E. Connor	S. S.,	45, 48, 46	Priv. H. K. Noyes	2d do.	19, 22
Sgt. A. Y. Rogers	S. S.,	46, 48, 47	Mus. J. M. Osgood	2d do.	21, 22
Priv. W. C. Burnett	1st Class,	44, 47	Priv. R. C. Reed	2d do.	Requal.
Priv. A. E. Dodge	1st do.	Requal.	" J. E. Rodger	2d do.	18, 21
Corp'l W. Kelley	1st do.	43, 45	" F. D. Shepard	2d do.	18, 18
Priv. N. S. Osgood	1st do.	44, 43	" F. C. Varnum, Jr.	2d do.	18, 19
" G. E. Worthen, Jr.	1st do.	48, 46	" H. L. Whitney	2d do.	18, 20
" E. A. Barnes	2d do.	18, 21	Corp'l E. E. Hand	2d do.	-
Sgt. E. L. Bryant	2d do.	18, 20	Priv. F. L. Allen	3d do.	-
Priv. C. T. Cahill	2d do.	19, 19	" G. C. Hatch	3d do.	16, 16
" I. C. Caverly	2d do.	18, 22	" C. C. Howe	3d do.	17, 18
" W. F. Coburn	2d do.	18, 19	" B. W. Kenney	3d do.	15, 16
" W. R. Foster	2d do.	18, 18	Lt. G. D. Kimball	3d do.	15, 18
Sgt. A. F. Grant	2d do.	20, 21	Priv. F. W. Sanborn	3d do.	16, 16
Capt. W. H. Hosmer	2d do.	20, 19	Corp'l J. A. Thomson	3d do.	16, 17
Priv. F. W. Howard	2d do.	19, 20	Priv. H. W. Hatch	3d do.	-
Priv. T. B. Hustwick	2d do.	18, 18	Priv. G. J. Sanborn	3d do.	-

## FIELD AND STAFF, NAVAL BRIGADE.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Lt. Com. A. B. Denny	S. S.,		48, 50, 50	Mach. W. S. Lewis	2d Class,		21, 21
Lt. E. P. Dodd	S. S.,		44, 49, 48	Mach. E. H. Pierson	2d do.		21, 21
" A. B. Fry	S. S.,		44, 49, 46	Lt. Com. J. W. Weeks	2d do.		19, 19
" H. N. Sweet	S. S.,		46, 50, 48	Lt. T. W. Sprague	2d do.		Requal.
" G. W. Allen	1st Class,		Requal.	Mach. J. J. Connolly	3d do.		15, 16
Arm. J. H. Griffin	1st do.		Requal.	Elect. N. Marshall	3d do.		17, 17
Cf. G. Mate C. B. Perkins	1st do.		Requal.	Cox. W. H. McKendry	3d do.		15, 17
Mach. N. W. Phillips	1st do.		Requal.	Bug. J. J. McLaughlin, Jr.	3d do.		15, 16
Lt. Edw. H. Abbe	2d do.		20, 20	Lt. G. E. Norris	3d do.		16, 17
Lt. H. M. Curtis	2d do.		20, 20	Apoth. W. M. Russell	3d do.		15, 17
Pay. Yeo. H. C. Gaylord	2d do.		18, 20	Torp. Elect. A. E. Bliss	3d do.		-
Cf. B. M., F. R. Going	2d do.		18, 18	Com. L. O. Garrett	1st do.		-
Cf. Sig. Qm. F. C. Green	2d do.		Requal.	Pay. Yeo. W. C. Merrill	S. S.,		-
Sig. Qm. L. S. Greenleaf	2d do.		21, 21	M. at A., E. G. Morse	S. S.,		-
Lt. A. S. Hardy	2d do.		Requal.	Capt. J. C. Soley	1st Class,		-
Torp. Elect. H. Lemp	2d do.		18, 18	Lt. F. D. Williams	1st Class,		-

## COMPANY A, NAVAL BRIGADE.

Ensign E. T. White	1st Class,		43, 48	Sea'n E. T. Fillebrown	3d Class,		15, 15
Sea'n C. B. Benedict	2d do.		20, 20	Cox. C. K. Gurney	3d do.		17, 16
" G. E. Blackmer	2d do.		19, 19	Sea'n J. C. Hampton	3d do.		16, 17
" A. H. Hildreth	2d do.		18, 19	" H. G. Hamlet	3d do.		17, 19
" J. L. Hildreth, Jr.	2d do.		18, 19	" W. A. Hawkins	3d do.		17, 19
" C. L. Hammond	2d do.		19, 19	" W. D. Leeds	3d do.		17, 17
Lt. J. Lawrence	2d do.		19, 21	" F. Minton	3d do.		18, 17
Sea'n B. V. Magness	2d do.		Requal.	" W. J. McLaughlin	3d do.		15, 15
" G. H. Maynard	2d do.		19, 18	" E. H. Nichols	3d do.		17, 15
" S. E. Nickerson	2d do.		Requal.	" J. H. O'Brien	3d do.		16, 15
" W. L. Perry	2d do.		19, 18	G. M., W. M. Coddling	3d do.		-
" E. G. Roberts	2d do.		19, 19	Sea'n C. B. Cushing	3d do.		-
G. M., F. L. Solomon	2d do.		19, 19	" G. W. Manson, Jr.	3d do.		-
Lt. T. H. Clapp	2d do.		-	" W. P. McDonough	3d do.		-
Sea'n E. V. de Auger	2d do.		-	C. B. M., C. B. Moseley	3d do.		-
" J. M. Beard	3d do.		17, 15	B. M., E. C. Spring	3d do.		-
" A. A. Bettner	3d do.		17, 16	Q. M., J. F. Turner	3d do.		-
Ensign L. T. Cushing	3d do.		18, 15				
Sea'n P. J. Doherty	3d do.		16, 16				
Sea'n J. H. Foran	3d do.		15, 15				

## COMPANY B, NAVAL BRIGADE.

Lt. C. H. Brigham	S. S.,		Requal.	Sea'n R. R. Bolles	2d Class,		21, 19
B. M., C. L. Carter	S. S.,		46, 50, 49	" F. F. Breen	2d do.		19, 18
Lt. J. H. Dillaway, Jr.	S. S.,		44, 49, 46	" J. E. Campion	2d do.		21, 18
Sea'n P. D. Shepard	S. S.,		44, 48, 48	Cox. D. R. Child	2d do.		21, 20
G. M., W. H. Hastings	1st Class,		43, 47	Sea'n G. F. Cowes	2d do.		18, 18
Sea'n W. E. Huston	1st do.		Requal.	" A. H. Cross	2d do.		18, 18
" H. S. Robbins	1st do.		42, 45	" H. Dennie	2d do.		19, 18
" W. J. Ryan	1st do.		42, 46	G. M., W. S. Dodd	2d do.		22, 21
Cox. A. F. Thomas	1st do.		42, 42	Ensign P. H. Downes	2d do.		20, 20
Sea'n M. Bamber	2d do.		18, 18	Sea'n E. K. Friend	2d do.		21, 19
Sea'n C. E. Belcher	2d do.		19, 18	Ensign H. F. Fuller	2d do.		21, 20
				Sea'n W. S. Howard	2d do.		21, 18

## COMPANY B, NAVAL BRIGADE—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sea'n	H. W. Jewett.	2d Class,	20, 19	Sea'n	D. J. Cartwright	3d Class,	19, 15
"	E. L. Jones	2d do.	20, 20	"	A. H. Choate	3d do.	17, 16
"	C. O. Meacom	2d do.	18, 18	"	F. L. Drew	3d do.	18, 15
Lt.	W. M. Paul	2d do.	20, 18	"	C. J. Jackson	3d do.	16, 15
Sea'n	E. L. Phillips	2d do.	19, 19	"	J. W. Jenkins	3d do.	16, 15
"	W. E. Pierce	2d do.	Requal.	"	H. C. Mansfield	3d do.	17, 16
"	L. Rothe	2d do.	19, 19	"	C. L. McClintock	3d do.	16, 16
Q. M.,	D. F. Sughrue	2d do.	19, 18	Bug.	H. J. McNider, Jr.	3d do.	18, 16
G. M.,	D. H. Sughrue	2d do.	22, 20	Sea'n	E. A. Ontbank	3d do.	15, 15
Sea'n	G. W. Vialle	2d do.	18, 18	"	W. L. Sellon	3d do.	15, 15
"	H. B. Vialle	2d do.	19, 18	"	E. H. Shortiss	3d do.	20, 17
"	T. M. Ware, Jr.	2d do.	18, 18				
"	L. G. Whitney	2d do.	23, 22				
B. M.,	G. A. Wills	2d do.	20, 20				

## COMPANY C, NAVAL BRIGADE.

G. M.,	N. Brewer, Jr.	S. S.,	Requal.	Sea'n	F. O. Houghton	2d Class,	19, 18
Lt.	Wm. A. Cary	S. S.,	46, 48, 47	"	R. H. C. Kelton	2d do.	21, 19
Ensign	J. D. Colt	S. S.,	44, 48, 46	"	T. L. Livermore, Jr.	2d do.	23, 19
Cox.	W. A. Eldredge	S. S.,	Requal.	G. M.,	R. T. Moffatt	2d do.	20, 19
Sea'n	Edw. E. Hills	S. S.,	44, 48, 46	Sea'n	Jas. P. Parker	2d do.	20, 20
Lt.	F. E. Watkeys	S. S.,	44, 48, 46	"	Geo. F. Poole	2d do.	19, 18
Sea'n	W. H. Morrison	S. S.,	45, 49, 48	"	Jas. O. Porter	2d do.	19, 18
Ensign	W. N. Dudley	S. S.,	Requal.	"	Wm. E. Scott	2d do.	20, 18
B. M.,	B. E. Bates	1st Class,	Requal.	"	S. W. Sleeper	2d do.	18, 18
Lt.	A. H. Bond	1st do.	49, 42	"	Jas. J. Smith	2d do.	19, 18
Q. M.,	C. S. Houghton	1st do.	44, 45	"	R. W. Swift	2d do.	19, 19
Sea'n	E. H. Palmer	1st do.	44, 46	Cox.	A. R. Weed	2d do.	18, 18
"	C. H. Parker	1st do.	42, 42	Sea'n	Geo. M. Weed	2d do.	22, 18
"	Max L. Scull	1st do.	42, 46	"	John H. Wyeth	2d do.	21, 18
"	B. C. Allen	2d do.	20, 19	"	E. B. Bartlett	3d do.	16, 15
"	F. W. Andrew	2d do.	19, 18	"	R. P. Bartlett	3d do.	17, 16
"	A. F. Barnes	2d do.	19, 18	"	G. F. Colby	3d do.	19, 15
"	W. F. Bartlett	2d do.	20, 18	"	Geo. S. Derby	3d do.	18, 15
Q. M.,	W. A. L. Bazely	2d do.	21, 20	"	Wm. H. Gardner, Jr.	3d do.	16, 16
Sea'n	F. P. Benyon	2d do.	20, 18	"	W. P. Howe	3d do.	18, 15
"	J. B. Blair	2d do.	22, 20	"	E. H. Little	3d do.	17, 15
"	Sewall Cabot	2d do.	19, 18	"	C. F. Mains	3d do.	19, 17
Ensign	C. T. Davis	2d do.	21, 21	"	J. D. Parker	3d do.	15, 15
Sea'n	T. J. Downey	2d do.	22, 21	"	Geo. C. Scott	3d do.	16, 16
"	B. Frothingham	2d do.	19, 18	Bug.	J. B. Smythe	3d do.	17, 17
"	H. E. Goodhue	2d do.	22, 19	Sea'n	Bankson Taylor	3d do.	18, 15
"	S. E. Hathaway	2d do.	19, 19	Sea'n	A. W. Trefry	3d do.	17, 17
"	W. E. Holmes	2d do.	18, 18				

## COMPANY D, NAVAL BRIGADE.

Q. M.,	Willis Munroe	S. S.,	46, 48, 46	Sea'n	G. A. Dew	2d Class,	19, 18
Lt.	F. B. Parsons	S. S.,	44, 49, 46	"	H. B. Flint	2d do.	20, 19
Sea'n	F. N. Balch	1st Class,	43, 43	"	G. W. Eldridge	2d do.	21, 18
Sea'n	J. F. Schmeiser	1st do.	43, 42	"	C. H. Hanscom	2d do.	18, 18
Q. M.,	A. F. Barry	1st do.	-	"	G. E. Hewes	2d do.	22, 19
Sea'n	C. L. Bremer	2d do.	20, 18	"	O. E. Hurd	2d do.	19, 18
Sea'n	C. N. Brainhall	2d do.	18, 18	B. M.,	G. I. Jones	2d do.	23, 22
Cox.	F. J. Cavanagh	2d do.	19, 18	G. M.,	E. R. Knapp, Jr.	2d do.	19, 18
Sea'n	E. Chalmers, Jr.	2d do.	21, 21	Sea'n	C. P. Ladd, Jr.	2d do.	19, 18
Sea'n	J. E. Daly	2d do.	18, 18				

## COMPANY D, NAVAL BRIGADE—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sea'n E. B. Mero		2d Class,	19, 19	Lt H. G. Hall,		3d Class,	18, 15
Cox. W. J. Mullally		2d do	21, 18	Sea'n T. L. Miskell.		3d do.	18, 16
B. M., J. H. Murphy		2d do.	20, 19	" W. C. Munroe		3d do.	16, 15
G. M., G. R. Rose		2d do.	22, 21	" J. H. Nickerson		3d do.	16, 15
Lt. G. S. Selfridge		2d do.	19, 19	" J. J. Phelan		3d do	15, 15
Sea'n E. A. Studley		2d do.	19, 18	" J. F. Pope		3d do.	17, 15
" J. E. Sweeney		2d do.	19, 20	" W. C. Rogers		3d do.	19, 15
" A. P. Teel		2d do.	18, 18	" J. F. Rollins		3d do.	17, 17
Ensign F. B. With- erbee		2d do.	Requal.	" T. E. Barron.		3d do.	-
Bug. A. Raiche		2d do.	-	" H. P. Cook		3d do.	-
Sea'n F. W. Cross		3d do.	18, 16	" G. F. Daly		3d do.	-
" W. A. H. Crow- ley		3d do.	16, 15	Ensign C. T. Hough, Jr.		3d do.	-
" S. Freedman		3d do.	19, 16	Sea'n D. C. Palmer,		3d do.	-
" H. W. Gelb		3d do.	18, 16				

## COMPANY E, NAVAL BRIGADE.

Sea'n A. F. Cary	S. S.,	45, 49, 48	Sea'n G. F. Packard	2d Class,	18, 18
" H. P. Crosby	S. S.,	44, 49, 46	Sea'n W. A. Pratt	2d do.	18, 18
" F. L. Stanley	S. S.,	44, 48, 46	G. M., L. M. Schmidt	2d do.	19, 21
B. M., D. Chase	1st Class,	46, 48	Sea'n C. E. Sprague	2d do.	21, 23
Sea'n F. W. Demmick	1st do.	42, 47	" G. H. Staple- ford	2d do.	21, 21
Sea'n E. A. D'Orsay	1st do.	42, 45	" F. G. Vaughen	2d do.	18, 19
Cox. R. L. Lovell	1st do.	47, 45	Lt M. von Loesecke	2d do.	19, 20
Bug. J. J. Moriarty	1st do.	42, 42	Sea'n W. A. McTag- gart	2d do.	18, 19
Lt. H. D. Sears	1st do.	46, 50	Sea'n N. H. Burnham	3d do.	16, 18
Q. M., H. L. Smith	1st do.	44, 46	" A. Q. Carter	3d do.	15, 17
Ensign F. C. Whit- more	1st do.	46, 48	" I. R. Edmands	3d do.	17, 18
Sea'n C. L. Oechsner	1st do.	43, 43	" W. C. Goodwin	3d do.	16, 17
Sea'n B. M. Abbott	2d do.	19, 20	" J. L. Gould	3d do.	15, 16
B. M., C. F. Beames	2d do.	19, 20	" J. R. Grindrod	3d do.	17, 20
Sea'n H. D. Bedlow	2d do.	20, 20	" P. Matthews	3d do.	15, 15
Lt. F. O. Blackwell	2d do.	18, 18	" J. R. Pitman	3d do.	16, 17
G. M., J. B. Blood	2d do.	18, 20	" H. D. Rudolf	3d do.	15, 17
Sea'n C. A. Bray	2d do.	19, 19	" A. E. Smith	3d do.	17, 18
Ensign J. N. Bulkley	2d do.	18, 18	" C. P. Smith	3d do.	15, 17
Sea'n H. A. Bullard	2d do.	18, 18	" G. O. Carter	3d do.	15, 15
Sea'n C. L. Chapman	2d do.	18, 20	" G. Swett	3d do.	16, 19
Q. M., G. B. Grant	2d do.	18, 19	" F. M. Vogel	3d do.	15, 15
Sea'n G. B. Griffin	2d do.	18, 21	" S. J. Watson	3d do.	17, 17
" E. A. Hopkins	2d do.	21, 21	" A. J. Wheeler	3d do.	15, 18
" E. A. Johnson	2d do.	19, 19	" J. H. C. White	3d do.	16, 18
" J. R. Johnson	2d do.	19, 21	" W. A. Curtis	3d do.	15, 16
" F. Kleeberg	2d do.	Requal.	" T. A. Rose	3d do.	16, 17
" F. Mackintosh	2d do.	21, 21	" E. P. Hooper	3d do.	15, 15
Cox. R. E. Murray	2d do.	Requal.			

## COMPANY F, NAVAL BRIGADE.

B. M., W. H. Beattie	S. S.,	45, 49, 46	Lt. J. D. Munroe	S. S.,	Requal.
Q. M., C. N. Borden	S. S.,	45, 48, 47	Sea'n J. B. Richards	S. S.,	45, 48, 46
Sea'n W. H. Brow	S. S.,	45, 48, 46	" M. W. Wilcox	S. S.,	45, 48, 46
Sea'n Owen Durfee	S. S.,	44, 48, 47	" Jeff. Borden, Jr.	1st Class,	45, 44
Cox. Lynw'd French	S. S.,	44, 49, 46	B. M., G. R. H. Buf- finton	1st do.	43, 43
Sea'n E. F. Lucas	S. S.,	48, 50, 46	Sea'n P. C. Downey	1st do.	45, 43
Sea'n C. A. Moore	S. S.,	45, 49, 46			

## COMPANY F, NAVAL BRIGADE—Concluded.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Lt. W. B. Edgar		1st Class,	42, 42	Sea'n A. L. Hart	2d Class,	19, 19	
Sea'n N. C. Johnson		1st do.	Requal.	" C. S. Hawkins	2d do.	20, 20	
Sea'n V. E. Macomber		1st do.	44, 43	" F. W. Lawson	2d do.	18, 18	
Bug. O. M. Peirce		1st do.	46, 44	" E. I. Marvell	2d do.	21, 18	
Sea'n G. S. B. Pritchard		1st do.	45, 44	" F. S. Mathewson	2d do.	18, 20	
" E. T. Thompson		1st do.	44, 47	" W. I. Nichols	2d do.	19, 18	
" S. A. Aldrich		2d do.	20, 19	" C. D. Peirce	2d do.	19, 19	
" C. M. Allen		2d do.	19, 18	" T. J. Pickering	2d do.	19, 18	
" W. J. Allen		2d do.	19, 18	" G. E. Sherer	2d do.	18, 18	
" J. A. Ashton		2d do.	18, 20	" W. G. Simmons	2d do.	20, 21	
" C. S. Belcher		2d do.	19, 20	" I. L. Stebbins	2d do.	18, 19	
" F. N. Borden		2d do.	18, 19	" J. F. Vanderburgh	2d do.	18, 18	
" F. C. Borden		2d do.	20, 20	" E. B. Varney	2d do.	18, 19	
Ensign R. P. Borden		2d do.	18, 19	Ensign W. C. Wetherell	2d do.	19, 19	
Sea'n J. Buffington		2d do.	18, 18	Q M., L. E. Wood	2d do.	21, 21	
G. M., C. Buffinton		2d do.	21, 21	Sea'n W. S. Wood	2d do.	20, 18	
Sea'n J. N. Buffinton		2d do.	19, 19	Sea'n J. H. Booth	3d do.	16, 17	
" W. H. Buffinton		2d do.	21, 18	Lt. Nathan Durfee	3d do.	17, 20	
" W. J. D. Bullock		2d do.	Requal	Sea'n O. K. Hawes	3d do.	16, 16	
" J. W. Cross		2d do.	19, 18	Cox. C. L. Holmes	3d do.	18, 16	
" M. I. Deane		2d do.	18, 19	G. M., E. B. Jennings	3d do.	15, 17	
" R. B. Deane		2d do.	18, 19	Sea'n Thos. Kieran	3d do.	17, 17	
" A. D. Fisher		2d do.	18, 20	Sea'n G. H. Waring	3d do.	15, 18	
" M. W. Fisher		2d do.	18, 19				

## COMPANY G, NAVAL BRIGADE.

Lt. Homer W. Hervey	S. S.,	48, 49, 49	Sea'n R. C. Neal	2d Class,	18, 18
Sea'n O. P. Bourne	S. S.,	47, 48, 47	" G. M. Piper	2d do.	19, 21
G. M., E. H. Cook	S. S.,	45, 48, 47	" C. E. Phinney	2d do.	19, 21
Sea'n G. B. Ferguson	S. S.,	44, 48, 47	" S. V. Paris	2d do.	21, 22
" F. G. Radcliffe, Jr.	S. S.,	44, 49	Q M., H. J. Ricketson	2d do.	18, 19
" E. E. Bassett	1st Class,	42, 44	Sea'n W. F. Salter	2d do.	19, 21
" Edwin H. Burt	1st do.	43, 42	Lt. A. E. Thomas	2d do.	19, 23
" J. H. Carter	1st do.	42, 46	Sea'n W. F. Taber	2d do.	18, 19
" E. C. Cuddy	1st do.	42, 43	" J. O. Thompson, Jr.	2d do.	18, 19
" Richard Dunse	1st do.	43, 45	" G. H. Truman	2d do.	18, 19
" John H. Holt	1st do.	43, 45	" J. T. Walton	2d do.	18, 18
Q M., Otis B. Luce	1st do.	42, 44	" R. C. Willis	2d do.	18, 19
Cox. E. D. Morton	1st do.	42, 46	B. M., J. W. Braley, Jr.	3d do.	15, 15
Ensign A. R. Pierce	1st do.	42, 43	G. M., W. P. Briggs, Jr.	3d do.	15, 15
Sea'n P. T. Roach	1st do.	42, 44	Sea'n A. C. Blossom	3d do.	15, 16
Cox. D. G. F. Ward	1st do.	44, 48	" John J. Carroll	3d do.	15, 19
" T. R. Almy, Jr.	2d do.	19, 20	" G. N. Case	3d do.	16, 16
" James H. Coffin	2d do.	20, 22	" Joseph Carney	3d do.	16, 16
" John Clark	2d do.	19, 19	Bug. Fred C. Graves	3d do.	17, 17
" James C. Dodge	2d do.	20, 21	Sea'n F. G. Hillman	3d do.	16, 17
" George H. Dow	2d do.	20, 20	Sea'n E. H. Hinckley	3d do.	15, 18
Ensign Fred. R. Fish	2d do.	20, 21	B. M., W. E. Kern, Jr.	3d do.	15, 16
Sea'n John K. Frank	2d do.	18, 18	Sea'n J. N. McDonald	3d do.	16, 17
Lt. G. N. Gardiner	2d do.	20, 20	" J. H. Smith	3d do.	15, 17
Sea'n Fred H. Gells	2d do.	18, 19	" Fred P. Tripp	3d do.	15, 17
" H. Howard, Jr.	2d do.	18, 19	" F. H. Wilkie	3d do.	15, 15
" D. T. Hillman	2d do.	18, 20			
" H. H. Kimball	2d do.	21, 21			
" G. A. Luce	2d do.	18, 19			
" B. B. Lowden	2d do.	18, 19			
" T. E. McGowan, Jr.	2d do.	18, 18			

## COMPANY H, NAVAL BRIGADE.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Sea'n Fred. C. Graves	D. M.,		47,48,47	Sea'n Chas. R. Combs	3d Class,		18, 15
Lt. H. S. Crossman	S. S.,		47,50,47	" W. I. Davis	3d do.		16, 17
Sea'n L. H. Perkins	S. S.,		45,49,49	Lt. J. K. Dexter	3d do.		15, 16
Ensign W. S. Barr	1st Class,		44, 44	Sea'n C. R. Euson	3d do.		15, 17
Cf. B. M. W. A. Brown	1st do.		43, 42	" W. W. Fowler	3d do.		15, 16
Bug. R. E. Mathewson	1st do.		45, 43	" Chas. A. Frazer	3d do.		15, 17
Sea'n A. J. Skinner	1st do.		43, 43	" A. Ingersoll	3d do.		15, 16
Sea'n R. T. White-				G. M., Fred T. Ley	3d do.		18, 15
house	1st do.		42, 46	Sea'n Harold A. Ley	3d do.		16, 15
B. M., H. D. Banks	2d do.		20, 22	" G. T. Murdough	3d do.		20, 17
Sea'n J. F. Bemies	2d do.		21, 23	" Wm. F. Mellows	3d do.		16, 18
" F. H. Bowen	2d do.		20, 20	" Fred S. Murphy	3d do.		16, 18
" Florence S. Carr	2d do.		23, 21	" Fred. W. Newell	3d do.		17, 19
Ensign W. O. Cohn	2d do.		21, 21	" Edw. J. Pinney	3d do.		17, 17
Sea'n F. H. Colburn	2d do.		20, 21	" Reuben Roberts	3d do.		15, 15
" C. C. Gilbert	2d do.		18, 20	Q. M., E. E. Sawtell	3d do.		15, 16
" W. H. Gowdy	2d do.		18, 19	Sea'n Chas. S. Saxton	3d do.		16, 15
" Geo. H. Hadd	2d do.		21, 19	" W. J. Schlatter	3d do.		16, 20
" F. C. Hubbard	2d do.		18, 19	" Harry A. Squire	3d do.		16, 16
" Jas. E. Knox	2d do.		18, 18	" A. N. Stanley	3d do.		19, 16
Cox. Harry P. White	2d do.		20, 21	" Harry B. Trask	3d do.		15, 15
Sea'n D. C. Keeney	2d do.	Requal.		" Sam'l H. Trask	3d do.		19, 17
" Wm. S. Arms	3d do.		15, 16	" F. A. Wallace	3d do.		17, 15
" E. E. Bartlett	3d do.		16, 16	Cox. W. S. Warriner	3d do.		16, 17
" H. T. Breck	3d do.		17, 15	Lt. Fred. H. Weston	3d do.		17, 18
" M. B. Breck	3d do.		16, 17	Sea'n D. Chas. White	3d do.		15, 18
" James S. Burns	3d do.		18, 17	Sea'n Geo. F. Wright	3d do.		16, 17
" W. E. Clark	3d do.		18, 15				

## FIELD AND STAFF, FIRST BATTALION CAVALRY.

Maj. H. G. Kemp	S. S.,	-	Lt. James W. Pierce	2d Class,	-
Q. M. Sgt. C. A. Dickinson	1st Class,	-	Adj. F. L. Locke	2d do.	21, 21
Lt. S. B. Newton	1st do.	-	Lt. H. D. Litchfield	3d do.	16, 16
Sgt. C. L. D. Parkhill	1st do.	-	Sgt. H. H. Green	3d do.	15, 15
			Surg. C. H. Cogswell	3d do.	-
			Sgt. W. C. Wardwell	3d do.	-

## TROOP A, FIRST BATTALION CAVALRY.

Sgt. W. H. Partridge	S. S.,	Requal.	Priv. F. R. Robinson	2d Class,	19, 20
Priv. E. W. Bettinson	S. S.,	-	" Frank A. Fisher	2d do.	19, 20
" Martin Binney	1st Class,	-	" A. L. Clough	2d do.	18, 20
" H. I. Jenkins	1st do.	-	" G. L. Wasgatt	2d do.	18, 20
Sgt. J. E. Staples	1st do.	-	Sgt. J. H. Blanchard	2d do.	19, 19
Mus. Charles Waugh	1st do.	-	Priv. George S. Ross	2d do.	19, 19
Sgt. Frank K. Neal	2d do.	-	Capt. D. K. Emerson	2d do.	18, 19
Priv. A. H. Hillers	2d do.	-	Lt. Oscar A. Jones	2d do.	18, 19
Corp'l G. H. Barney	2d do.	-	Priv. H. R. Molineux	2d do.	18, 19
Corp'l H. N. Richards	2d do.	-	" C. B. Sewall	2d do.	18, 18
Priv. D. D. Poole	2d do.	-	" A. D. Wainwright	2d do.	-
Sgt. John M. Davis	2d do.	21, 22	" Frank M. Moore	2d do.	-
Priv. Percival Gassett	2d do.	21, 22	" Wm. Housman	3d do.	15, 16
Corp'l W. J. Richardson	2d do.	20, 21	" G. R. McMaster	3d do.	-
Priv. A. O. Tufts	2d do.	20, 21	" L. B. Lyman	3d do.	-
Lt. Doris A. Young	2d do.	19, 20			

## TROOP D, FIRST BATTALION CAVALRY.

RANK.	NAME.	Record. Class.	Range Work. 1893.	RANK.	NAME.	Record. Class.	Range Work. 1893.
Priv. W. Alexander .	1st Class.	42, 44	Priv. T. J. Whelan .	2d Class.	21, 21		
Corp'l Oscar F. Cox .	1st do.	Requal.	Corp'l E. B. Stantial	2d do.	19, 20		
1st Lt. W. A. Perrins	1st do.	Requal.	Corp'l W. D. Finnicks	2d do.	19, 20		
2d Lt. J. Perrins, Jr.	1st do.	Requal.	Priv. S. C. L. Haskell	2d do.	19, 19		
Priv. W. H. Jackson	1st do.	-	Sgt. W. H. Kelly .	2d do.	18, 20		
Corp'l W. A. Hanlon	1st do.	-	Priv. H. L. Cook .	2d do.	18, 19		
Priv. Ed. Broders .	2d do.	-	Corp'l J. M. Stock .	2d do.	16, 19		
Sgt. J. L. Fairbanks	2d do.	-	Priv. J. J. Keefe .	3d do.	16, 17		
Priv. J. F. Fitzgerald	2d do.	-	Priv. J. J. Brine .	3d do.	-		
Sgt. J. H. McCloskey	2d do.	-	Sgt. F. L. Ward .	3d do.	-		
Corp'l T. Lawrence .	2d do.	-					

## TROOP F, CAVALRY.

Sgt. E. H. Keyes .	D. M.,	Requal.	Priv. P. S. Ward .	2d Class.	20, 20
Priv. P. L. Piggott .	S. S.,	45, 48, 46	Corp'l G. E. Wilkins	2d do.	18, 20
" W. Carl .	1st Class.	47, 43	Priv. J. H. Wilkins	2d do.	18, 20
" L. J. Parkhurst	1st do.	47, 44	" J. H. Wilson .	2d do.	19, 20
Sgt. C. F. Scribner .	1st do.	42, 43	" G. M. Wright	2d do.	19, 20
Capt. E. H. Shaw .	1st do.	43, 41	" E. F. Adams .	3d do.	15, 16
Priv. P. J. Brennan .	1st do.	18, 18	Sgt. C. E. Bartlett	3d do.	16, 16
Asst. Surg. A. Howard	1st do.	-	Priv. E. A. Blaisdell	3d do.	16, 16
Sgt. S. A. Bull .	2d do.	-	" P. P. Cummings	3d do.	15, 17
Priv. John Fisher .	2d do.	-	" J. E. Harrington	3d do.	15, 16
" G. W. Chamberlain,	2d do.	20, 20	" J. E. Hogan .	3d do.	15, 17
" B. W. Chandler	2d do.	18, 20	" F. W. Hogan .	3d do.	17, 19
" A. E. Collins .	2d do.	18, 18	" J. E. Marshall	3d do.	16, 18
" John Finnegan	2d do.	18, 18	" H. R. McCabe	3d do.	16, 16
" O. W. Flake .	2d do.	18, 19	" Chas. McEnnis	3d do.	18, 15
Sgt. H. V. Hildreth .	2d do.	20, 18	Corp'l W. Perham .	3d do.	16, 16
Lt. A. R. Leighton .	2d do.	20, 19	Priv. D. A. Polley .	3d do.	15, 16
Priv. Herbert H. Mills	2d do.	Requal.	Lt. W. J. Quigley .	3d do.	15, 15
Corp'l J. J. Monahan	2d do.	19, 20	Priv. W. H. Quigley	3d do.	15, 16
Sgt. D. W. Robbins	2d do.	18, 18	" E. H. Shaw, Jr.	3d do.	15, 17
Priv. E. W. Sweetser	2d do.	19, 20	" F. J. Vinal .	3d do.	16, 15
Priv. E. L. Teabo .	2d do.	Requal.	" F. Whittier .	3d do.	18, 16
Sgt. A. M. Warren .	2d do.	20, 20	Priv. Frank Healey .	3d do.	-

## BATTERY B, FIRST BATTALION LIGHT ARTILLERY.

Capt. L. G. Bigelow	2d Class.	-	Corp'l W. E. Sayles .	3d Class.	-
Lt. J. Bruno, Jr.	3d do.	16, 17	Priv. T. J. Carlson .	3d do.	-
Lt. Wm. T. Gould .	3d do.	15, 15	" H. Clarkson .	3d do.	-
Lt. H. W. Haynes .	3d do.	-	" F. E. Kibbie .	3d do.	-
Corp'l C. A. French	3d do.	-	" E. W. Wheeler	3d do.	-
Corp'l H. B. Lee .	3d do.	-			

## BATTERY C, FIRST BATTALION LIGHT ARTILLERY.

Lt. C. F. Sargent .	1st Class.	-	Sgt. G. H. Seaverns	2d Class.	-
Sgt. H. N. Coleman	2d do.	22, 21	Priv. J. J. Cady .	2d do.	-
Sgt. W. McCreadie .	2d do.	19, 19	Capt. W. L. Stedman	2d do.	-
Corp'l C. D. Morrill	2d do.	19, 19	Corp'l E. N. Duchesney	3d do.	17, 15
" J. O. Hazen .	2d do.	19, 18	Corp'l D. F. Glavin .	3d do.	15, 16
" Fred E. Nash .	2d do.	19, 18	Priv. C. A. Salisbury	3d do.	15, 15
" T. Hollows .	2d do.	19, 18	Lt. G. A. Sanborn .	3d do.	-
Priv. W. A. Clarke .	2d do.	18, 20			

## REVOLVER QUALIFICATIONS.

RANK.	NAME.	Organization.	Scores. Six Shots Each.
Col. W. L. Chase, I. G. R. P.,		Staff Commander-in-Chief, . . .	20, 21
Maj. C. W. Hinman, I. R. P.,		First Brigade, . . .	26, 27
Maj. F. H. Briggs, A. I. G.,		First " . . .	24, 24
Capt. A. N. Rantoul,		Second " . . .	21, 23
Capt. Gordon Dexter, . . .		Second " . . .	25, 25
Maj. R. H. Morgan, . . .		First Regiment Infantry, . . .	23, 26
Capt. A. E. Perry, . . .		Co. E, First Regiment Infantry, . . .	22, 23
Capt. W. E. Lombard, . . .		B, " " " . . .	25, 26
Lt. Geo. F. Hall, I. R. P.,		Staff " " " . . .	26, 27
" David Fuller, . . .		Co. M, " " " . . .	21, 21
" A. P. Pope, . . .		E, " " " . . .	24, 24
" J. E. Day, . . .		B, " " " . . .	20, 21
" C. F. Nostrum, . . .		C, " " " . . .	23, 25
" Sumner Paine, . . .		A, " " " . . .	28, 28
" W. F. Borden, . . .		M, " " " . . .	23, 23
" Marshall Underwood, . . .		B, " " " . . .	21, 21
" W. J. Meek, . . .		F, " " " . . .	22, 23
P. M. Sgt. Geo. R. Russell, . . .		Headquarters First Reg't Infantry, . . .	29, 29
Sgt. Geo. Hollins, . . .		Co. M, First Regiment Infantry, . . .	20, 23
Corp'l J. W. Horan, . . .		M, " " " . . .	20, 22
Priv. J. H. M. Sharples, . . .		M, " " " . . .	23, 24
Col. E. P. Clark, . . .		Second Regiment Infantry, . . .	20, 21
Maj. David Clark, . . .		Second Regiment Infantry, . . .	24, 27
Lt. Sylvester S. Bumstead, I. R. P.,		Staff Second Regiment Infantry, . . .	25, 28
Capt. Henry McDonald, . . .		Co. B, Second Reg't Infantry, . . .	26, 27
Lt. J. A. Stirling, . . .		B, " " " . . .	20, 20
" E. T. Bridges, . . .		H, " " " . . .	24, 27
" F. B. Felton, . . .		L, " " " . . .	21, 23
" H. O. Hicks, . . .		M, " " " . . .	20, 24
Maj. C. C. Foster, . . .		Staff Fifth Regiment Infantry, . . .	27, 28
Lt. R. B. Edes, I. R. P.,		Staff Fifth Regiment Infantry, . . .	26, 27
" C. E. Hamilton, . . .		Co. F, Fifth Regiment Infantry, . . .	24, 27
" J. A. Scott, . . .		Co. C, Fifth Regiment Infantry, . . .	23, 24
Col. Henry Parsons, . . .		Sixth Regiment Infantry, . . .	22, 23
Capt. E. J. Gihon, . . .		Co. A, Sixth Regiment Infantry, . . .	22, 23
" H. G. Whitney, . . .		M, " " " . . .	21, 24
" Geo. H. Priest, . . .		B, " " " . . .	22, 23
Lt. J. W. Jones, I. R. P.,		Staff " " " . . .	26, 26
Sgt. Maj. F. P. Valentine, . . .		Staff " " " . . .	23, 25
Capt. E. W. M. Bailey, . . .		Co B, Eighth Reg't Infantry, . . .	20, 20
" R. P. O'Reilly, . . .		G, " " " . . .	20, 21
" H. M. Parsons, . . .		M, " " " . . .	20, 21
Lt. C. F. Cook, I. R. P.,		Staff " " " . . .	26, 26
" J. E. Higgins, . . .		Co. B, " " " . . .	21, 23
" A. E. Tuttle, . . .		B, " " " . . .	25, 25
" C. T. Hilliker, . . .		D, " " " . . .	21, 22
" G. L. Marshall, . . .		M, " " " . . .	21, 23
" Col. T. F. Edmands, . . .		First Corps Cadets, . . .	21, 23
Capt. H. B. Rice, . . .		Co. D, First Corps Cadets, . . .	21, 22
Lt. W. A. Hayes, 2d, I. R. P.,		Staff " " " . . .	20, 21
" L. H. Wightman, . . .		Co. A, " " " . . .	20, 21
" W. B. Clarke, . . .		B, " " " . . .	20, 21
Capt. C. W. Osgood, . . .		C, Second Corps Cadets, . . .	20, 21
Lt. W. H. Merritt, . . .		Staff " " " . . .	21, 26
" Andrew Flitz, . . .		" " " " . . .	20, 24
" B. F. Packard, . . .		Co. B, " " " . . .	20, 23
Sgt. Geo. E. Symonds, . . .		A, " " " . . .	25, 25
Priv. C. E. Horton, . . .		C, " " " . . .	20, 21
" W. G. Hussey, . . .		C, " " " . . .	25, 25
" W. C. Sanborn, . . .		C, " " " . . .	20, 20
Lt. Com. H. B. Denny, . . .		Headquarters Naval Brigade, . . .	24, 25
" H. N. Sweet, . . .		Headquarters Naval Brigade, . . .	23, 24
" W. A. Cary, . . .		Co. C, Naval Brigade, . . .	28, 28
" J. D. Munroe, . . .		F, " " " . . .	22, 22

**REVOLVER QUALIFICATIONS—Concluded.**

RANK.	NAME.	Organization.	Scores. Six Shots Each.
Lt. F. B. Parsons, . . . . .		Co. D, Naval Brigade, . . . . .	23, 25
" H. W. Hervey, . . . . .		G, Naval Brigade, . . . . .	21, 22
" E. H. Abbe, . . . . .		Headquarters Naval Brigade, . . . . .	20, 22
" F. O. Blackwell, . . . . .		Co. E, Naval Brigade, . . . . .	20, 26
" H. S. Crossman, . . . . .		H, " " . . . . .	20, 27
" J. H. Dillaway, . . . . .		B, " " . . . . .	25, 26
" E. P. Dodd, . . . . .		Headquarters Naval Brigade, . . . . .	23, 26
" W. B. Edgar, . . . . .		Co. F, Naval Brigade, . . . . .	20, 20
" G. S. Selfridge, . . . . .		D, " " . . . . .	21, 26
" F. C. Watkeys, . . . . .		C, " " . . . . .	22, 24
Ens. W. S. Barr, . . . . .		H, " " . . . . .	20, 26
" J. C. Colt, . . . . .		C, " " . . . . .	22, 24
" A. R. Pierce, . . . . .		G, " " . . . . .	20, 21
Cox. L. French, . . . . .		F, " " . . . . .	22, 22
Qrmstr. Willis Munro, . . . . .		D, " " . . . . .	25, 26
B. M., G. I. Jones, . . . . .		D, " " . . . . .	24, 26
Qrmstr. H. J. Ricketson, . . . . .		G, " " . . . . .	21, 21
G. M., E. H. Cook, . . . . .		G, " " . . . . .	21, 23
B. M., W. H. Beattie, . . . . .		F, " " . . . . .	22, 23
Sea'n Owen Durfee, . . . . .		F, " " . . . . .	21, 21
" C. A. Moore, . . . . .		F, " " . . . . .	20, 24
" J. B. Richards, . . . . .		F, " " . . . . .	24, 25
" J. F. Schmeiser, . . . . .		D, " " . . . . .	22, 22
" E. E. Hills, . . . . .		C, " " . . . . .	21, 22
Capt. L. G. Bigelow, . . . . .		Battery B, First Batt. Artillery, . . . . .	20, 21
Lt. W. B. Walworth, . . . . .		Battery B, First Batt. Artillery, . . . . .	24, 26

## FIRST BRIGADE.

	Distinguished Marksmen.	Sharpshooters.	First Class Marksmen.	Second Class Marksmen.	Third Class Marksmen.	Marksmen of Record.	Qualifications, 1898.
Field and staff, .	2	1	10	2	0	15	5
Signal Corps, .	1	1	2	13	7	29	19
Ambulance Corps, .	0	0	1	2	1	4	3
	3	2	13	17	8	48	27

Maj. C. W. Hinman, A. I. G. R. P.: Strength, 68; efficient, 43; efficient strength, 63.23 per cent.

## FIRST REGIMENT INFANTRY.

Field and staff, .	3	5	3	6	2	19	14
Company A, . . .	0	3	6	11	20	40	39
Company B, . . .	1	8	11	41	15	76	76
Company C, . . .	0	3	6	11	19	39	36
Company D, . . .	0	1	3	18	33	55	45
Company E, . . .	2	13	10	32	14	71	71
Company F, . . .	0	2	9	22	21	54	47
Company G, . . .	0	0	1	6	28	35	33
Company H, . . .	0	0	4	15	13	32	23
Company I, . . .	1	4	9	25	19	58	58
Company K, . . .	0	2	3	11	12	28	13
Company L, . . .	1	2	4	13	21	41	28
Company M, . . .	0	6	11	16	24	57	53
	8	49	80	227	241	605	536

Lieut. George F. Hall, I. R. P.: Strength, 731; efficient, 605; efficient strength, 82.76 per cent.

## SECOND REGIMENT INFANTRY.

Field and staff, .	4	3	5	3	5	20	19
Company A, . . .	0	5	4	18	35	62	61
Company B, . . .	2	4	11	35	14	66	66
Company C, . . .	1	18	2	18	22	61	61
Company D, . . .	0	13	4	15	17	49	44
Company E, . . .	1	5	9	13	18	46	46
Company F, . . .	1	1	3	31	9	45	38
Company G, . . .	0	3	5	34	24	68	65
Company H, . . .	0	3	2	12	29	46	46
Company I, . . .	0	0	4	7	32	43	43
Company K, . . .	0	8	14	17	16	55	55
Company L, . . .	2	2	8	24	21	57	49
Company M, . . .	2	5	5	20	23	55	52
	13	70	76	247	265	671	643

Lieut. S. S. Bumstead, I. R. P.: Strength, 707; efficient, 671; efficient strength, 94.91 per cent.

## SIXTH REGIMENT INFANTRY.

	Distinguished Marksmen.	Sharpshooters.	First Class Marksmen.	Second Class Marksmen.	Third Class Marksmen.	Marksmen of Record.	Qualifications, 1893.
Field and staff, . .	0	1	2	7	1	11	8
Company A, . . .	4	5	7	26	21	63	63
Company B, . . .	0	0	8	34	19	61	59
Company C, . . .	0	7	10	22	12	51	42
Company D, . . .	0	0	8	17	12	37	30
Company E, . . .	0	0	4	33	28	65	65
Company F, . . .	0	0	2	14	14	30	30
Company G, . . .	1	2	6	24	18	51	46
Company H, . . .	1	0	7	26	27	61	61
Company I, . . .	0	7	9	32	18	66	66
Company K, . . .	0	3	2	19	19	43	40
Company L, . . .	0	0	5	13	26	44	40
Company M, . . .	1	0	8	20	14	43	42
	7	25	78	287	229	626	592

Lieut. J. W. Jones, I. R. P.: Strength, 740; efficiencies, 626; efficient strength, 84.59 per cent.

## SECOND BRIGADE.

Field and staff, . .	1	2	3	6	2	14	2
Signal corps, . . .	0	1	1	4	4	10	5
Ambulance corps, . .	0	0	1	1	1	3	1
	1	3	5	11	7	27	8

Lieut. Robert B. Edes, Acting A. I. G. R. P.: Strength, 59; efficiencies, 27; efficient strength, 45.76 per cent.

## FIFTH REGIMENT INFANTRY.

Field and staff, . .	3	1	3	6	3	16	9
Company A, . . .	0	1	1	13	19	34	25
Company B, . . .	1	1	9	21	25	57	33
Company C, . . .	0	1	3	11	24	39	33
Company D, . . .	0	0	3	10	19	32	27
Company E, . . .	0	0	7	13	32	52	45
Company F, . . .	0	5	5	17	13	40	40
Company G, . . .	0	1	4	21	5	31	31
Company H, . . .	0	2	4	22	13	41	32
Company I, . . .	0	0	9	32	26	67	67
Company K, . . .	0	0	0	15	14	29	23
Company L, . . .	0	2	2	23	19	46	38
Company M, . . .	0	0	3	22	17	42	32
	4	14	53	226	229	526	437

Lieut. Robert B. Edes, I. R. P.: Strength, 704; efficiencies, 526; efficient strength, 74.72 per cent.

## EIGHTH REGIMENT INFANTRY.

	Distinguished Marksmen.	Sharpshooters.	First Class Marksmen.	Second Class Marksmen.	Third Class Marksmen.	Marksmen of Record	Qualifications, 1898.
Field and staff, . .	1	0	1	12	5	19	14
Company A, . . . .	0	0	1	8	14	23	20
Company B, . . . .	0	11	5	14	22	52	51
Company C, . . . .	0	0	0	11	13	24	18
Company D, . . . .	2	2	5	16	8	33	32
Company E, . . . .	0	4	7	10	12	33	27
Company F, . . . .	1	1	7	29	14	52	47
Company G, . . . .	0	16	11	25	13	65	65
Company H, . . . .	0	0	2	15	12	29	27
Company I, . . . .	0	6	6	19	19	50	50
Company K, . . . .	0	0	1	24	13	38	34
Company L, . . . .	0	2	12	19	15	48	45
Company M, . . . .	0	4	4	23	19	50	34
	4	46	62	225	179	516	464

Lieut. Charles F. Cook, I. R. P.: Strength, 673; efficient, 516; efficient strength, 76.67 per cent.

## NINTH REGIMENT INFANTRY.

Field and staff, . .	0	2	0	6	4	12	8
Company A, . . . .	0	0	0	13	33	46	27
Company B, . . . .	0	0	0	5	27	32	30
Company C, . . . .	0	0	0	6	11	17	15
Company D, . . . .	0	0	0	9	28	37	37
Company E, . . . .	0	2	1	9	43	55	55
Company F, . . . .	0	2	9	25	22	58	57
Company G, . . . .	0	1	2	15	13	31	28
Company H, . . . .	0	0	3	8	10	21	19
Company I, . . . .	0	0	0	9	19	28	27
Company K, . . . .	0	0	6	12	26	44	44
Company L, . . . .	0	4	11	19	13	47	45
Company M, . . . .	0	0	4	14	29	47	47
	0	11	36	150	278	475	439

Lieut. John Breen, I. R. P.: Strength, 683; efficient, 475; efficient strength, 69.54 per cent.

## FIRST CORPS CADETS.

Field and staff, . .	1	1	3	3	2	10	8
Company A, . . . .	1	1	4	18	6	30	19
Company B, . . . .	2	3	4	25	7	41	28
Company C, . . . .	0	3	6	19	15	43	31
Company D, . . . .	1	7	10	26	15	59	49
	5	15	27	91	45	183	135

Lieut. Wm. A. Hayes, 2d, I. R. P.: Strength, 225; efficient, 183; efficient strength, 81.33 per cent.

## SECOND CORPS CADETS.

	Distinguished Marksmen.	Sharpshooters.	First Class Marksmen.	Second Class Marksmen.	Third Class Marksmen.	Marksmen of Record.	Qualifications, 1893.
Field and staff, . . .	1	0	0	2	4	7	3
Company A, . . .	2	2	5	9	0	18	18
Company B, . . .	0	3	4	11	8	26	19
Company C, . . .	5	5	5	16	8	39	31
Company D, . . .	2	2	5	20	9	38	34
	10	12	19	58	29	128	105

Lieut. W. H. Merritt, I. R. P.: Strength, 205; efficiencies, 128; efficient strength, 62.44 per cent.

## NAVAL BRIGADE.

Field and staff, . . .	0	6	7	12	7	32	26
Division A, . . .	0	0	1	14	22	37	28
Division B, . . .	0	4	5	28	11	48	48
Division C, . . .	0	8	6	28	13	55	55
Division D, . . .	0	2	3	24	17	46	39
Division E, . . .	0	3	9	25	20	57	57
Division F, . . .	0	10	9	34	7	60	60
Division G, . . .	0	5	11	27	14	57	57
Division H, . . .	1	2	5	13	33	54	54
	1	40	56	205	144	446	424

Lieut. H. W. Sweet, I. R. P.: Strength, 459; efficiencies, 446; efficient strength, 97.17 per cent.

## FIRST BATTALION CAVALRY.

Field and staff, . . .	0	1	3	2	4	10	4
Troop A, . . .	0	2	4	22	3	31	21
Troop D, . . .	0	0	6	13	3	22	12
	0	3	13	37	10	63	37

Lieut. H. D. Litchfield, I. R. P.: Strength, 169; efficiencies, 63; efficient strength, 37.28 per cent.

## TROOP F, CAVALRY.

	1	1	5	21	18	46	42
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Strength, 79; efficiencies, 46; efficient strength, 58.23 per cent.

## FIRST BATTALION LIGHT ARTILLERY.

Battery B, . . .	0	0	0	1	10	11	2
Battery C, . . .	0	0	0	11	4	15	11
	0	0	0	12	14	26	13

TABLE A. *Consolidated Report—Efficients, M. V. M.*

ORGANIZATION.	Distinguished Marksmen.	Sharpshooters.	First Class Marksmen.	Second Class Marksmen.	Third Class Marksmen.	Marksmen of Record.	Qualifications, 1893.	PERCENTAGE OF EFFICIENCY MARKSMEN.	
								Of Record.	In 1893.
Commander-in-Chief and Staff,	1	0	1	10	4	16	8	-	-
1st Brigade Staff, Signal and	3	2	13	17	8	43	27	-	-
Ambulance Corps,									
1st Regiment Infantry, Lieut.	8	49	80	228	241	606	536	82.76	73.32
George F. Hall, I. R. P.,									
2d Regiment Infantry, Lieut.	13	70	76	247	266	671	643	94.91	90.95
S. S. Bumstead, I. R. P.,									
6th Regiment Infantry, Lieut.	7	25	78	287	229	628	592	84.59	80.00
J. W. Jones, I. R. P.,	1	1	5	21	18	46	42	58.23	53.16
Troop F, Cavalry,									
2d Brigade Staff, Signal and	1	3	5	11	7	27	8	-	-
Ambulance Corps,									
5th Regiment Infantry, Lieut.	4	14	53	226	229	526	487	74.72	62.06
Robert B. Edes, I. R. P.,									
8th Regiment Infantry, Lieut.	4	46	62	225	179	516	464	76.67	68.94
Charles F. Cook, I. R. P.,									
9th Regiment Infantry, Lieut.	0	11	36	150	278	475	439	69.54	64.23
John Breen, I. R. P.,									
1st Battalion Cavalry, Lieut.	0	3	13	37	10	63	37	37.23	21.89
H. D. Litchfield, I. R. P.,									
1st Corps Cadets, Lieut. Wm.	5	15	27	91	45	153	135	81.33	60.00
A. Hayea, 2d I. R. P.,									
2d Corps Cadets, Lieut. W. H.	10	12	19	58	29	123	105	62.44	51.22
Merritt, I. R. P.,									
Naval Brigade, Lieut. H. W.	1	40	56	205	144	446	424	97.17	92.37
Sweet, I. R. P.,	0	0	0	12	14	26	13	-	-
1st Battalion Light Artillery,									
Totals,	58	291	524	1,825	1,700	4,397	3,910	-	-

TABLE B. *Comparative Efficiency.*

	CLASSES OF MARKSMANSHIP.					MARKSMEN.		EFFICIENCY.	
	Distinguished Marksmen.	Sharpshooters.	First Class.	Second Class.	Third Class.	Of Record.	Who did Range Work 1893.	Of Record.	In 1893.
1st Brigade, Maj. C. W. Hin-									
man, A. I. G. R. P.: Strength,	32	147	252	812	775	2,018	1,853	78.16	71.82
2,587; marksmen, 2,018, .									
2d Brigade, Lieut. R. B. Edes,									
Acting A. I. G. R. P.: Strength,	9	77	109	649	703	1,607	1,385	63.82	55.00
2,518; marksmen, 1,607, .									

TABLE C. *The Aggregate Results, as compared with Previous Years, are,—*

	1882.	1883.	1884.	1885.	1886.	1887.
Number qualified or requalified during year, . . . . .	234	509	644	878	1,159	1,647
Marksmen in service close of year, . . . . .	288	545	795	1,058	1,449	1,897

TABLE C. *The Aggregate Results, etc. — Concluded.*

	1888.	1889.	1890.	1891.	1892.	1893.
Number qualified or requalified during year, . . . . .	1,786	2,040	1,551	2,383	2,925	3,910
Marksmen in service close of year, . . . . .	2,336	2,610	2,459	2,828	3,401	4,397

## REVOLVER QUALIFICATIONS, M. V. M., 1893.

	Commander-in-Chief and Staff.	First Brigade Staff.	First Regiment Infantry.	Second Regiment Infantry.	Sixth Regiment Infantry.	Battery B, First Battalion Light Artillery.	Second Brigade Staff.	Fifth Regiment Infantry.	Eighth Regiment Infantry.	First Corps Cadets.	Second Corps Cadets.	Naval Brigade.	Total.
Staff, . . . . .	1	2	3	3	3	2	2	2	1	2	2	4	-
Company A, . . . . .	-	-	1	0	1	-	-	0	0	1	1	0	-
Company B, . . . . .	-	-	3	2	1	-	-	3	3	1	1	1	-
Company C, . . . . .	-	-	1	0	0	-	-	1	0	0	4	4	-
Company D, . . . . .	-	-	0	0	0	-	-	1	1	1	-	5	-
Company E, . . . . .	-	-	2	0	0	-	-	0	0	-	-	1	-
Company F, . . . . .	-	-	1	0	0	-	-	1	0	-	-	7	-
Company G, . . . . .	-	-	0	0	0	-	-	0	1	-	-	4	-
Company H, . . . . .	-	-	0	1	0	-	-	0	0	-	-	2	-
Company I, . . . . .	-	-	0	0	0	-	-	0	0	-	-	-	-
Company K, . . . . .	-	-	0	0	0	-	-	0	0	-	-	-	-
Company L, . . . . .	-	-	0	1	0	-	-	0	0	-	-	-	-
Company M, . . . . .	-	-	5	1	1	-	-	0	2	-	-	-	-
Total, . . . . .	1	2	16	8	6	2	2	4	8	5	8	28	90

## REGIMENTAL COMPETITIONS.

## COMPANY TEAM OF SEVEN, TEN SHOTS AT 200 YARDS.

First Regiment Infantry, August 26. The Regimental Trophy (engraving), "En Batterie," was won by Company B, with a score of 278 out of a possible 350.

Company C, . . . . .	268	Company L, . . . . .	242
Company I, . . . . .	266	Company F, . . . . .	241
Company A, . . . . .	266	Company H, . . . . .	223
Company M, . . . . .	263	Company D, . . . . .	207
Company E, . . . . .	260	Company G, . . . . .	196
Company K, . . . . .	257		

Second Regiment Infantry, September 15. The Regimental Trophy (engraving), "1806," was won by Company M, with a score of 294 out of a possible 350.

Company B, . . . . .	292	Company C, . . . . .	268
Company G, . . . . .	275	Company K, . . . . .	262
Company E, . . . . .	274	Company H, . . . . .	262
Company D, . . . . .	274	Company I, . . . . .	250
Company L, . . . . .	273	Company A, . . . . .	249
Company F, . . . . .	273		

Fifth Regiment Infantry, September 21. The Regimental Trophy (engraving), "Le Bourget," was won by Company G, with a score of 268 out of a possible 350.

Company I, . . . . .	268	Company C, . . . . .	224
Company F, . . . . .	253	Company M, . . . . .	206
Company H, . . . . .	244	Company K, . . . . .	198
Company B, . . . . .	242	Company D, . . . . .	176
Company E, . . . . .	235	Company A, . . . . .	132
Company L, . . . . .	233		

Sixth Regiment Infantry, September 22. The Regimental Trophy (engraving), "Washington and His Generals," was won by Company A, with a score of 299 out of a possible 350.

Company H, . . . . .	296	Company E, . . . . .	254
Company C, . . . . .	278	Company K, . . . . .	250
Company I, . . . . .	276	Company L, . . . . .	248
Company B, . . . . .	265	Company F, . . . . .	248
Company D, . . . . .	261	Company G, . . . . .	231
Company M, . . . . .	261		

Eighth Regiment Infantry, August 28. The Regimental Trophy (engraving), "Attaque Imprévue," was won by Company D, with a score of 216 out of a possible 350.

Company B, . . . . .	212	Company K, . . . . .	181
Company G, . . . . .	210	Company I, . . . . .	179
Company M, . . . . .	208	Company H, . . . . .	141
Company L, . . . . .	189	Company C, . . . . .	123
Company F, . . . . .	189	Company A, . . . . .	97
Company E, . . . . .	182		

Ninth Regiment Infantry, September 1. The Regimental Trophy (engraving), "Où Sont ils? Les Voilà!" was won by Company L, with a score of 273 out of a possible 350.

Company F, . . . . .	261	Company E, . . . . .	188
Company K, . . . . .	229	Company A, . . . . .	180
Company G, . . . . .	229	Company H, . . . . .	175
Company M, . . . . .	198	Company I, . . . . .	149
Company B, . . . . .	189	Company D, . . . . .	107

First Corps Cadets, July 14. The Corps Trophy (engraving), "Napoleon," was won by Company D, with a score of 268 out of a possible 350.

Company B, . . . . .	260	Company C, . . . . .	245
Company A, . . . . .	250		

Second Corps Cadets, September 4. The Corps Trophy (engraving), "Sault aux Blessés," was won by Company C, with a score of 288 out of a possible 350.

Company D, . . . . .	253	Company B, . . . . .	254
Company A, . . . . .	254		

Naval Brigade, September 2. The Brigade Trophy (engraving), "Wreck of H. M. S. Birkenhead," was won by Company H, with a score of 271 out of a possible 350.

Company C, . . . . .	269	Company G, . . . . .	222
Company E, . . . . .	268	Company A, . . . . .	205
Company F, . . . . .	258	Company D, . . . . .	194
Company B, . . . . .	256		

Cavalry Battalion (teams of six), September 26. The Battalion Trophy (engraving), "Rencontre d'un Officier Blessé," was won by Troop F, with a score of 223 out of a possible 300.

Troop A, . . . . .	186	Troop D, . . . . .	176
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The State General Competition took place October 2. The competition comprised firing seven shots at 200 and 500 yards. Individual trophies, recognized by medals, were won as follows:—

#### SHARPSHOOTER CLASS.

*First Prize.*—Sergt. W. E. Sweetser, Company H, Sixth Regiment Infantry, score 61.

*Second Prize.*—Sergt. D. M. Bruce, Company C, Second Corps Cadets, score 60.

*Third Prize.*—Lieut. F. B. Felton, Company L, Second Regiment Infantry, score 58.

*Fourth Prize.*—Sergt. E. E. Baudoin, Company E, First Regiment Infantry, score 58

*Fifth Prize.*—Priv. C. A. Hinds, Company E, Second Regiment Infantry, score 58.

#### FIRST-CLASS MARKSMEN.

*First Prize.*—Priv. G. E. Worthen, Jr., Company D, Second Corps Cadets, score 60.

*Second Prize* — Seaman F. C. Graves, Company H, Naval Brigade, score 59.

*Third Prize.* — Priv. P. A. Mansfield, Company H, Sixth Regiment Infantry, score 58.

#### THE STATE TEAM.

The twelve competitors making the highest aggregate scores were as follows:—

Sergt. W. E. Sweetser, Company H, Sixth Regiment Infantry,	. . . 61
Priv. G. E. Worthen, Jr., Company D, Second Corps Cadets,	. . . 60
Sergt. D. M. Bruce, Company C, Second Corps Cadets,	. . . 60
Corp. J. L. Gibbs, Company E, First Regiment Infantry,	. . . 60
Sergt. W. D. Huddleson, Company L, First Regiment Infantry,	. . . 59
Sergt. G. E. Symonds, Company A, Second Corps Cadets,	. . . 59
Seaman F. C. Graves, Company H, Naval Brigade,	. . . 59
Priv. P. A. Mansfield, Company H, Sixth Regiment Infantry,	. . . 58
Bugler P. S. Killam, Company A, Sixth Regiment Infantry,	. . . 58
Lieut. F. B. Felton, Company L, Second Regiment Infantry,	. . . 58
Sergt. G. E. Worthen, Company D, Second Corps Cadets,	. . . 58
Capt. R. A. Whipple, Company M, Second Regiment Infantry,	. . . 58

The Sixth Regiment Infantry, by virtue of its team making the best score at the State General Competition, is entitled to carry the tri-color on its colors for the year 1894.

The Distinguished Marksman Competition took place October 3. This competition comprised firing seven shots at 200, 500 and 600 yards, and estimating distances at seven halts. Competitors who made the three highest scores won medals.

*First Prize.* — Priv. C. A. Hinds, Company E, Second Regiment Infantry,

$$31 + 31 + 32 + 22 = 116.$$

*Second Prize.* — Priv. C. E. Horton, Company C, Second Corps Cadets,

$$27 + 30 + 31 + 27 = 115.$$

*Third Prize.* — Sergt. W. H. Bean, Company D, Second Corps Cadets,

$$26 + 31 + 25 + 28 = 110.$$

The following competitors made 100 points and over in this competition:—

Priv. W. G. Hussey, Company C, Second Corps Cadets,	. . . 107
Priv. J. H. Keough, Company A, Sixth Regiment Infantry,	. . . 106
Sergt. W. E. Sweetser, Company H, Sixth Regiment Infantry,	. . . 106
Bugler P. S. Killam, Company A, Sixth Regiment Infantry,	. . . 105
Capt. R. A. Whipple, Company M, Second Regiment Infantry,	. . . 105
Lieut. W. H. Merritt, I. R. P., Second Corps Cadets,	. . . 104
Sergt. G. E. Symonds, Company A, Second Corps Cadets,	. . . 104
Priv. E. Dimock, Company C, Second Corps Cadets,	. . . 103
Corp. J. L. Gibbs, Company E, First Regiment Infantry,	. . . 103
Corp. F. P. Smith, Company B, First Corps Cadets,	. . . 103
Sergt. E. E. Baudoin, Company E, First Regiment Infantry,	. . . 102
Lieut. J. A. Sterling, Company B, Second Regiment Infantry,	. . . 102
Lieut. F. B. Felton, Company L, Second Regiment Infantry,	. . . 100
Sergt. W. D. Huddleson, Company L, First Regiment Infantry,	. . . 100

## COLUMBIAN EXPOSITION.

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, June 30, 1893.

*To His Excellency the Governor and Honorable Council.*

I have the honor to submit to your honorable body the following report of my action under your direction by letter of May 28, 1893, in connection with the State delegation to the World's Exposition, at the World's Fair, Chicago, to celebrate "Massachusetts Day," June 17, 1893, having been selected for that purpose and appropriation made by chapter 88 of the Resolves of the Legislature of 1893.

Upon receipt of my instructions I visited Chicago and made necessary arrangements and reported progress, my action being approved by you.

The delegation left Boston via the Fitchburg Railroad at 10 A.M. on Monday, June 12, and arrived in Chicago Tuesday, June 13, before 6 P.M. They were quartered at the Auditorium Hotel.

June 14, 15, and the day of the 16th was spent by the delegation in sight-seeing, and on the evening of June 16 a banquet was given by the State to the officials of the Exposition and prominent business men of Chicago.

On the 17th the ceremonies of Massachusetts Day were conducted under the direction of the Massachusetts commissioners at the Massachusetts building.

On the evening of the 17th the Massachusetts Society in Chicago entertained the delegation at a banquet at the Auditorium Hotel.

On Sunday, June 18, at 4.30 P.M., the delegation took train for the homeward trip, arriving at Niagara Falls on the 19th at 9 A.M., eight hours being allowed to visit them and carriages being provided.

The delegation arrived in Boston on the morning of June 20 at 9 o'clock.

Bills for all expenses have been forwarded to the State auditor for audit.

A copy of itinerary and all papers connected with the trip has been forwarded to the State library.

A copy of itinerary and badge has been forwarded to the Massachusetts Historical Society.

Many letters were written and many received. Circumstances of which I had not control required a great deal of additional work by myself and clerks, two entire nights being devoted to preparation of arrangements.

All correspondence, contracts, etc., are on file in this department, with schedule of bills attached.

Amount of appropriation by resolve, . . .	\$12,000 00
Total expenditure, . . . . .	10,691 41
Unexpended balance, . . . . .	<u>\$1,308 59</u>

I have attached to this report a corrected list of the delegation. Those who were unable to attend are marked by a star.

Respectfully submitted,

SAMUEL DALTON,  
*Adjutant General.*

The following is the State representation under resolve of Legislature. Those designated by \* were unable to attend. Those designated by † joined at Chicago : —

His Excellency WILLIAM E. RUSSELL, Governor of the Commonwealth.

*Governor's Staff* — Col. Michael T. Donahoe; Col. Spencer Borden, Col. D. Howard Vincent; Col. James E. Delaney; Col. John T. Wheelwright; Col. Henry D. Andrews; Col. John H. Cunningham; Col. James L. Carter; Col. James H. Carmichael; Col. Horace B. Verry.

*Ex-Governors of Massachusetts.* — Hon. George S. Boutwell;\* Hon. Nathaniel P. Banks;† Hon. William Claflin;\* Hon. William Gaston;\* Hon. Alexander H. Rice; Hon. John D. Long; Hon. George D. Robinson;\* Hon. Oliver Ames;\* Hon. John Q. A. Brackett.\*

Hon. Alfred S. Pinkerton, President of the Senate.

Hon. William E. Barrett, Speaker of the House.†

*Executive Council.* — His Honor Roger Wolcott, Lieutenant Governor;\* Hon. Ziba C. Keith,† 1st District; Hon. David Hall Rice,† 2d District; Hon. Joseph R. Leeson,† 3d District; Hon. James Donovan, 4th District; Hon. Arthur B. Breed,† 5th District; Hon. Luman T. Jefts,† 6th District; Hon. George F. Morse, 7th District; Hon. Elisha Morgan, 8th District.

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† Vacancy filled by Representative G. S. Jewett.

*Special Committee of Senate.* — Senators William F. Ray, E. P. Shaw, P. J. Kennedy, H. S. Milton, E. S. Horton, W. P. Buckley, Abraham C. Ratshesky, F. T. Berry.

*Special Committee of House.* — Representatives Wellington E. Parkhurst, Dwight Chester, George A. Galloupe, J. J. McCarthy, L. H. Bartlett, W. H. Brigham, Eugene J. O'Neill, C. H. Holmes, Warren Hoyt, Emery M. Low, John W. McEvoy, Charles P. Rugg, E. A. Bessom, M. C. Cook, Augustus M. Nickerson, Edward F. Blodgett, William Moore, Michael J. O'Brien, Hugh McLaughlin, B. J. Sullivan.

J. G. B. Adams, Sergeant-at-Arms; Henry D. Coolidge, Clerk of Senate; Edward A. McLaughlin, Clerk of House.

*In Charge of Delegation.* — Major General Samuel Dalton.

*Surgeon to Delegation.* — Brigadier General Thomas Kittredge, Surgeon General.

*State Color Bearer.* — Sergeant Fred. B. Carpenter, 1st Corps Cadets, M. V. M.

Edward F. Hamlin, Messenger to Council; John F. Shaw, in charge of baggage.

James R. Watson, Esq., of Fitchburg system, and C. E. Lambert, Esq., of West Shore system, accompanied the delegation.

## ENCAMPMENTS.

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### REPORTS OF COMMANDING OFFICERS.

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HEADQUARTERS SECOND BRIGADE, M. V. M.,  
BOSTON, Aug. 1, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General State of Massachusetts.*

GENERAL : — In accordance with General Orders No. 6, C. S., I have the honor to submit the following report of the tour of camp duty of this brigade for the year 1893.

I assumed command of the State camp ground on the morning of Monday, July 17.

Battery A, Capt. D. H. Follett, came on to the field early in the day, having been transported by rail from Boston instead of marching over the road as was contemplated.

The Eighth Regiment of Infantry, Lieut. Col. Charles L. Dodge commanding, reported to me on the forenoon of the same day, having been ordered to parade for the duty required by law in excess of the five days' camp duty.

The Battalion of Cavalry, Major H. G. Kemp, arrived about the middle of the afternoon, having marched from Boston to exemplify the movement of a body of cavalry through an enemy's country.

The Fifth Regiment of Infantry, Col. W. A. Bancroft, came into camp by companies during the afternoon and evening, so that at least three-fourths of the entire command were in camp at tattoo on Monday; the remainder reported promptly at 12 o'clock noon on Tuesday, in accordance with orders.

I believe much benefit is derived by the troops being in camp in excess of the five days as now provided, and therefore renew my recommendations of former years that the Legislature be asked to provide that the annual tour of camp duty be increased to six days, believing that if troops were paid for six days' camp duty, they would be willing to report at the camp on Saturday, and be

in readiness to commence Monday morning with the regular daily drills.

The weather during the week was good; although very warm, the duties were regularly performed; the heavy rain of Tuesday evening had the effect to keep the ground in good condition for the remainder of the week.

The health of the command was excellent during the entire tour of duty, which I attribute to improved diet.

Military courtesy was well observed, sanitary condition of camp excellent, discipline properly maintained, with the exception of Friday night, when the good record of the camp in this respect was marred by the discharge of guns or fire-crackers by thoughtless men in companies where the officers are either inefficient or are willing to condone such breaches of discipline. In my opinion, company officers with a disposition to prevent this evil can do so.

Good progress was made in handling troops under the drill regulations adopted last year, although but little time was available for movements in extended order. It is hoped that at the next encampment more time can be devoted to this important work, and that during the winter months the companies comprising the command will take advantage of the opportunities afforded to acquire a proper knowledge of guard duty, as the failure to procure guard manuals until late in the present year did not give the men sufficient time to acquire full knowledge of this duty before the encampment.

I trust before the camp of 1894 takes place there will be a prescribed method for the arrangement of the inside of tents, which will add greatly to the appearance of the camp.

With thanks to the officers and men who have so faithfully labored to advance the standard of the brigade,

I have the honor to remain,

Your obedient servant,

BENJ. F. PEACH, Jr.,

*Brigadier General.*

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HEADQUARTERS FIRST BRIGADE, M. V. M.

Maj. Gen. SAMUEL DALTON, *Adjutant General Massachusetts, Boston, Mass.*

SIR:—I have the honor to submit the following report of the encampment of the First Brigade, M. V. M., at Framingham, from June 5 to June 10 inclusive.

In compliance with your orders, I assumed command of the grounds on Monday morning, the 5th inst. During the early part

of the day quite a number, including employees, from the several organizations were on the field preparing the camp for the balance of their commands, most of which were to reach the field during the evening. Although no notice, official or unofficial, had been received at these headquarters that their arrival might be expected before 10 o'clock P.M., of the 5th, nearly the entire command was under canvas.

It is a great pleasure for me to say that, under these circumstances, after taps the field was one of the most orderly I have ever commanded, and with pride I commend it, in this respect, as meriting a place in the records of this Commonwealth for the perfect harmony and earnest endeavors of all under my command to perform their duties in a manner creditable to themselves and to the State.

I think it reflects great credit to the militia that there was not recorded a single person, who was a member of the brigade, as being confined in the guard-house or sick in the general hospital during the entire time that the brigade was on the field. There was great interest in the more important duties of a soldier. The extended order received much more attention than heretofore, and officers were well able to instruct.

I cannot close without acknowledging my great obligations to His Excellency, the Commander-in-Chief, for the deep interest he manifested in the welfare of the troops, also to the Inspector General's department.

I am, very respectfully,

Your obedient servant,

B. F. BRIDGES,

*Brigadier General.*

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HEADQUARTERS FIRST CORPS OF CADETS, M. V. M.,  
BOSTON, July 17, 1893.

Maj Gen. SAMUEL DALTON, *Adjutant General of Massachusetts.*

GENERAL:—I have the honor to report that my command left Boston by special train on the Old Colony Railroad at 2.55 o'clock P.M., Saturday, July 8, for Hingham, Mass., where it went into camp. The duty of July 8 and 9 was performed by my order. July 10 was the day of annual drill. July 11 to 15 inclusive was the camp tour according to law. The corps left Hingham at noon on Saturday, July 15, and at 1.40 o'clock reached its armory in Boston, where it was dismissed.

The weather during the tour was very favorable for duty, the only interruption to which was by rain, which prevented the per-

formance of inspection and muster and battalion parade on the 12th inst. With this exception, the prescribed routine was followed throughout the tour.

On Tuesday, July 11, His Honor Lieutenant Governor Wolcott visited the camp and reviewed the corps in the afternoon.

The command was honored and pleased by the presence of General Dalton, Adjutant General, during the encampment, and the evident interest taken by him in all that was done gave great encouragement.

Maj. Marcus P. Miller, Fifth United States Artillery, detailed by the War Department to inspect and report upon the camp, was a most welcome guest for the second time. He observed the duty of every day, and was very kind in giving information upon customs of the service in many cases where we could not otherwise have obtained it when most needed.

Col. W. L. Chase, detailed as inspector for the State, was zealous, vigilant and painstaking in his observation of every detail, showing at the same time a kindness and consideration which made his presence a pleasure.

The attendance, of which a table is appended, was the largest ever known at camp in the history of the corps, and permitted the detail of a guard large enough to do all its duty without calling upon supernumeraries, as we have been compelled to do in former years by reason of our small numbers.

The guard was instructed with much care in the new manual. Particular attention was given to the instructions for sentinels on post, which were memorized, and while nearly all the men were able to recite them without omitting or misplacing a word, I found no sentinel who could not repeat them correctly in substance.

General drill, care of quarters, police, courtesy and discipline were all carefully attended to as in the past, officers and men working faithfully to maintain the standard now well established. The non-commissioned officers deserve a special word of praise for being more efficient in this camp than I have ever known them to be before. The addition of second lieutenants to the company officers was of great benefit in affording relief to the line officers heretofore overworked in camp.

The camp ground remains the same as last year, with the single addition of a small building between the workshop and sink for the storage and care of lanterns.

The camp was pitched substantially as last year, the width of the company streets being slightly increased. A simple lamp post of wrought iron pipe was placed at each end of each company street, and bore a kerosene street lantern. These lights burning

in the evening until tattoo lighted the body of the camp very satisfactorily.

On the whole, I consider the tour just ended as the most successful in my experience with the corps.

I am, very respectfully,

Your obedient servant,

THOMAS F. EDMANDS,  
*Lieutenant Colonel Commanding.*

Enclosure : report of surgeon.

*Record of Attendance in Camp at Hingham, Mass., July 8 to 15, 1893.*

IN CAMP. 1898.	PRESENT.					ABSENT.					PRESENT AND ABSENT.		
	DUTY.		SICK.		Total.	WITH LEAVE.		WITHOUT LEAVE.		Total.	PRESENT AND ABSENT.		Aggregate. *
	Officers.	Enlisted Men.	Officers.	Enlisted Men.		Officers.	Enlisted Men.	Officers.	Enlisted Men.		Officers.	Enlisted Men.	
July 8, .	19	171	-	-	190	1	14	-	23	38	20	208	228
July 9, .	19	173	-	-	192	1	15	-	20	36	20	208	228
July 10, .	19	179	-	-	198	1	14	-	15	30	20	208	228
July 11, .	19	177	-	2	198	1	15	-	14	30	20	208	228
July 12, .	19	181	-	-	200	1	14	-	13	28	20	208	228
July 13, .	19	184	-	-	203	1	14	-	10	25	20	208	228
July 14, .	19	185	-	-	204	1	14	-	9	24	20	208	228
July 15, . .	19	183	-	-	202	1	15	-	9	25	20	207	227

\* These figures do not include a band of 24 men, enrolled but not mustered.

THOMAS F. EDMANDS,  
*Lieutenant Colonel Commanding.*

HEADQUARTERS SECOND CORPS CADETS,  
SALEM, Aug. 21, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General of Massachusetts.*

GENERAL : — I have the honor to submit the following report of the annual drill and encampment of this command, which was held in obedience to General Orders No. 6, A. G. O., Boston, March 31, 1893, at Centennial Grove, Essex, from the seventh to the twelfth day of August, inclusive.

The command assembled at the armory on Essex Street, where line was formed at 8.30 o'clock A.M. and marched to the depot in column of platoons. At the depot a special train was found waiting, and in order and without undue haste was boarded and in a few moments started for Essex.

The camp ground was reached about 10 o'clock and the command marched on the parade ground, where, after a few words from the commanding officer, were dismissed.

The entire encampment (with the exception of the hospital tent) was put up on Saturday and Sunday by a camping party under the direction of a commissioned officer, and the assignment to quarters and disposal of personal baggage, together with work incident to general arrangements pertaining to the comfort of the corps, was all completed by 12 M.

Just before noon a lively thunder shower set in and lasted nearly an hour.

Immediately after dinner preparations were made for guard mounting, the ceremony taking place at 2 o'clock.

Monday was the annual drill day in addition to the other five days' service, and consequently Colonel Carter of the Inspector's Department (who met us at the depot in Salem) was present to witness the drills during the week.

Battalion drill, inspection, muster and battalion drill followed. All these were very creditable, considering it was our first day in camp.

Tuesday morning, with reveille, the camp duties formally opened. The weather during the week was extremely warm.

Tuesday, 8th, to Saturday, 12th, inclusive, counted as five days of camp duty, according to law.

Tuesday forenoon Adjutant General Dalton, accompanied by Major Miller of the Fifth United States Artillery, arrived in camp, and remained with us during the week to observe the discipline, drill and general efficiency of the corps. He left on Saturday forenoon in company with Colonel Carter. Owing to official business General Dalton was obliged to leave the camp on Friday afternoon.

His Excellency Governor Russell visited the camp on Thursday forenoon, accompanied by Colonel Cunningham of his staff. At 2.30 P.M. he reviewed the corps. The weather being so warm battalion drill was (by order of the Commander-in-Chief) dispensed with, and no further duty was performed until inspection and muster at 4.30.

No target practice was had in camp this year, as the rifle range was considered unsafe by a board of officers appointed by Colonel Chase, Inspector General of Rifle Practice.

There were but few men reported off duty from sickness during the whole tour of duty. Private Foster of Co. D, while drilling with his company on Wednesday, was accidentally shot in the neck by the discharge of a rifle in the hands of the corporal in charge of his squad. He was immediately taken to the hospital, and under the surgeon's directions placed under the influence of ether, in order that the wounds might be properly attended to. He remained in the hospital but one day.

The attendance at camp this year was the largest ever shown in the history of the corps; officers and men tried hard to do their duty as they understood it.

*Present for Duty.*

	Officers.	Men.	Band.	Total.
Monday, . . . . .	18	151	24	193
Tuesday, . . . . .	19	155	24	198
Wednesday, . . . . .	19	156	24	199
Thursday, . . . . .	19	159	24	202
Friday, . . . . .	19	160	24	203
Saturday, . . . . .	19	159	24	202

Saturday forenoon we commenced to break camp, and by 2 o'clock P.M. the tents were rolled, and all State property was safe aboard the cars.

The command left the camp ground at 2.30 o'clock, the 12th inst., when the colors were struck, and the third encampment of the corps under its present commander closed, and I regard it one of our most successful tours of duty.

The command arrived in Salem at about 3.30, and concluded the week's work with a battalion parade on the Common in the presence of a large number of citizens.

I desire to express my appreciation of the support I have received from the officers and men of the command in my efforts to promote the interests of the corps. To Adjutant General Dalton, Colonel Carter and to Major Miller, I am under many obligations for valuable suggestions.

I have the honor to be, very respectfully,

Your obedient servant,

JOHN W. HART,

*Lieutenant Colonel Commanding.*

HEADQUARTERS NAVAL BRIGADE, M. V. M.,  
BOSTON, Dec. 13, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General of Massachusetts.*

GENERAL:—I have the honor to submit the annual report of the operations of the Naval Brigade.

During the winter months the exercises were continued in the armories, special attention being given to instruction in infantry exercises, fencing and field-gun practice. In the spring months the instruction was given in street exercise, boat exercise, including rowing, torpedo practice and boat-gun drill, with drill at the heavy guns and instruction in marline-spike seamanship.

A company was mustered in in Springfield on March 6. The organization of eight companies having been completed the elections were held on March 20, which completed the organization of the brigade. In April the command having been invited to visit New York, and in conjunction with the First Naval Battalion, N. G. S. N. Y., to take part in ceremonies of the naval review in New York harbor, the tour of duty was fixed for April 25 to 29, inclusive. The first day of the tour the whole command was quartered and messed in the armory, and the time was devoted to instruction and drill. The next day the command proceeded to Providence by rail with six companies of infantry and a battery of four guns, and embarked on board the steamer "Connecticut," on board of which vessel the command was quartered during its stay in New York. On Thursday the different companies were assigned to patrol duty on board the patrol vessels in New York harbor, and on Friday the brigade was landed for a parade on shore with the Naval Brigade of the fleet and the National Guard of New York. The command returned to Boston on Saturday, the 29th.

During the entire time the discipline maintained by the command was excellent, and they showed proficiency in all their work both ashore and afloat.

In July the Navy Department having assigned the North Atlantic squadron, under Rear Admiral Benham, for the drill of the brigade, on July 18 they were embarked on board the "San Francisco" and "Miantonomah." Unfortunately the department was not able to furnish enough vessels to embark the whole command, the "San Francisco" taking twelve officers and two hundred and fifty men from A, B, E, F, G and H companies; and the "Miantonomah," seven officers and fifty men from C and D companies. In making the selection it was necessary to take those who had had the least experience on board a man-of-war, but it

was peculiarly unfortunate that sufficient quarters could not be furnished, as none of the junior officers could obtain any of the benefits on account of the crowded condition of the "San Francisco."

The men performed all the duties of the crews of the vessels, and they did the duty remarkable well, especially when it is considered that most of them were performing this duty for the first time. They stood watch and watch the whole time, kept the ships in order, cleaned decks, took care of the battery, and in every way performed their duties better than a fresh crew taken out of the receiving ship could have done.

I append a record of the target practice, which shows considerable proficiency. The tour of duty lasted four days, and during the whole of the time the squadron was at sea. The men subsisted on the navy rations.

During the month of September, the department having assigned the "Passaic" for service, on four Saturdays the members of the First Battalion were taken to sea for target practice, thus giving an opportunity for sea drill to those who were not able to be embarked with the squadron. In these drills fifty-four officers and one hundred and twenty men took part, so that during the summer seventy-three officers and four hundred and twenty men had more or less drill on board a vessel at sea. In the case of the officers a number went out every time on board the "Monitor," and they were instructed in the pilotage of the harbor.

In the fall the armory drills were resumed, and they have been prosecuted continuously.

It is difficult to make recommendations about the drill afloat where so much depends upon the good will of the Navy Department. I do not think that the drills on board of such a vessel as the "San Francisco" particularly valuable, as a great deal of time is wasted in the performance of duties which are of no use whatever as instruction, and which this summer's experience shows could be learned in a single day. The most important drill for this command afloat is to be found on board of harbor-defence vessels and torpedo boats. These are the vessels on board of which the command would be required to serve, but it is difficult to obtain such vessels; still I hope that the time may come when the summer tour of duty can be performed on board of such vessels in the waters of the lower harbor or in adjacent parts of the State. The ceremonies and forms incident to service on board of large men-of-war in commission use up time which could better be devoted to practical instruction in turret-guns, boat-guns and torpedoes.

Rifle practice has been carried on during the year with diligence, and the qualifications in the different companies show ninety per cent. for marksmen for 1893, and marksmen of record, ninety-five per cent. The merit marks are as follows: A, 70; B, 146; C, 169; D, 113; E, 157; F, 202; G, 178; H, 144; to this systematic instruction I attribute the excellent practice made by the guns of the main and secondary batteries. It would add to the efficiency of the command if the "Passaic" could be placed at our disposal for drill during the summer when the days are longer, and the weather generally better than in the month of September when we are likely to be obliged to work at serious disadvantage. It would be of great value if the department could be induced to give greater facilities for torpedo instruction, as that is the best practice of all for this command. So far the only practice is what we have been able to make with improvised materials.

I recommend that the surgeon of the brigade be given the rank of lieutenant commander; it is the same rank held by the surgeons of infantry regiments, and it was by an oversight that he was given rank in a lower grade when the original bill was submitted.

I recommend that the armory range in the South Armory be put in order for use. During the short time which we have been able to use it it has been invaluable in giving the necessary instruction to prepare men for work at the butts, and it is especially valuable in saving ammunition and giving opportunity for frequent instruction during the winter.

I recommend that the act be amended allowing battalions or portions to be assembled for drill with transportation allowance, as is permitted in the infantry regiments. This will permit the outlying divisions to be brought in for service on board the "Monitor."

Very respectfully,

JOHN C. SOLEY,  
*Captain, Chief of Brigade.*

## ANNUAL DRILLS.

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### REPORTS OF COMMANDING OFFICERS.

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HEADQUARTERS FIRST REGIMENT INFANTRY,  
FIRST BRIGADE, M. V. M., SOUTH ARMORY,  
BOSTON, MASS., Dec. 30, 1893.

Gen. SAMUEL DALTON, *Adjutant General State of Massachusetts.*

GENERAL:—In accordance with General Orders No. 11, A. G. O., current series, the various companies of the regiment I have the honor to command were ordered to assemble at Taunton, Oct. 9, 1893, at 10 A.M., for the purpose of holding the fall drill. Companies A, B, C, D, G, H, K and L embarked at 8 A.M. on a special train of thirteen cars from the Park Square station of the New York, New Haven & Hartford Railroad. The embarkation was quickly made and train started promptly on schedule time. The run to Taunton was made in one hour. A guard was placed at each car door; no passing to and fro of enlisted men was permitted and no accident occurred.

The eight Boston companies, together with Company I of Brockton, which had connected with the regimental train at Easton, were disembarked at Whittenton Junction, two miles outside the city of Taunton, and the march commenced through a sparsely settled, wooded country for the objective point, Taunton, where a junction was to be made with the three remaining companies of the regiment, E, F and M. Company I, Capt. Charles Williamson, was detailed as advance guard; Company K, Capt. Geo. F. Quinby, as rear guard; Company G, Capt. A. B. Chick, and Company L, Capt. F. M. Whiting, as flankers.

The companies detailed performed their respective duties in a satisfactory and practical manner. After a march of two miles a junction was made with Companies E, F and M. The regiment went in bivouac at 10.45 A.M.; hot coffee was served at 11 A.M., the actual field operations commencing at 11.30 A.M. The field of

action was the "Duvol Farm" of about forty-five acres, admirably adapted for military manœuvres, being varied in its topography by a succession of hills (one commanding the other), swamp, field and woodland.

The regiment was divided in two equal parts, Lieutenant Colonel Hovey taking command of six companies and acting on the defensive, the Colonel, commanding six companies, making the attack. Lieutenant Colonel Hovey showed excellent judgment in the disposition of his forces, posting them in a semi-circle on the summit of three ridges that could not possibly have been captured in actual conflict except by a vastly superior force. The attacking party was deployed under cover of the thick woods. An attack was made by four companies, under Maj. P. A. Dyar, on the left wing of Colonel Hovey's forces, pending a flanking movement, by Maj. Chas. Pfaff with two companies on the defending force's right wing. This movement was not a success, Colonel Hovey's position being too strong; in fact, impregnable from a direct attack. A weak spot was developed by Major Dyar's attack on Colonel Hovey's extreme left, the reserves were sent in, and Colonel Hovey having sent the larger portion of his force to repel the attack on his right, the defending line was forced back until their left wing was turned; the fire of the attacking party under Major Dyar enflading the line of defence, rendering the position from a strictly military standpoint untenable.

The order was then sounded to "cease firing" and the engagement was ended. The regiment was reformed and the remaining ammunition expended in firing at will.

The regiment then returned to the Agricultural Fair Ground, where dinner was served at 1.30 P.M., it being furnished through the liberality of the city government of Taunton. The ceremony of guard mounting was exemplified by Company F, Capt. N. O. Danforth, at 3 P.M., in a most satisfactory and efficient manner. A review and dress parade was held at 3.30 P.M., complimentary to His Honor the Mayor and the members of the Taunton city government. The march to the station through the principal streets of the city was then taken up, the regiment arriving at the depot at 5.30 P.M. The embarkation was quickly made, the train starting at 6 P.M., arriving in Boston at 7.15 P.M., when the regiment was dismissed.

The tour of duty as a whole was a marked success; the officers and men were thoroughly interested, and I am bound to believe a tour of duty of this kind is more instructive as an object lesson in practical military work, tending as it does to develop the individuality of all engaged, officers and men alike, than a week at camp

with the ordinary routine of garrison life; and I emphatically endorse the plan of fall drills, as at present conducted, as field operations, and trust they may be continued. The discipline of the command was excellent, no straggling of any kind being observed. The strength of the regiment deserves special mention, being seven hundred and twenty-four, the largest number the organization ever turned out at a fall drill since I have been in command. I would respectfully request and urge upon the military department of the State the necessity of furnishing a larger amount of blank ammunition. It would seem to the Colonel commanding as though organizations should not be called upon to furnish themselves with seven thousand rounds of ammunition, as was the case with this regiment, to make an ordered tour of duty in the field practicable and efficient. We had the pleasure of the company and benefit of the council and advice of Col. William L. Chase, Inspector General, on this tour of duty.

Very respectfully yours,

THOMAS R. MATHEWS,  
*Commanding First Regiment of Infantry.*

HEADQUARTERS SECOND REGIMENT INFANTRY,  
FIRST BRIGADE, M. V. M.,  
SPRINGFIELD, MASS., Sept. 25, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General.*

SIR: — I have the honor to submit the following report of the annual drill of this command at Northampton, on the 21st inst.

The regiment assembled in Northampton at 10 o'clock A.M. in heavy marching order, and immediately marched to the drill ground, about a mile and a quarter from the station.

Knapsacks, haversacks and canteens were laid aside, and work in the extended order began.

Battalion commanders were directed to follow the same order of work given to them at the annual drill last year, to wit: to first assemble the officers and non-commissioned officers, and question and instruct them in the work of the squad, section, platoon, company and battalion, and then to exemplify the work in regular order from the squad to the battalion.

This work was done with commendable thoroughness in most organizations, and although there was at times some indecision in the movements, there was evinced a general and more advanced knowledge of the extended-order drill.

In battalion work this was more noticeable, and compared with the work done at the last annual drill, an improvement was noted.

The use of blank ammunition in the battle exercises added greatly to the interest and stimulated officers and men to be alert and earnest in their work.

It is important in the battle exercises that blank cartridges should be frequently used; in fact, it is almost impossible to teach men the all-important rules of fire discipline without using them; therefore I desire to record my conviction that far greater benefits would result from such a tour of duty as this if the allowance of blank ammunition to each regiment was increased to twelve thousand rounds.

At 3 o'clock full dress uniforms were put on and the regiment marched into town, and after a short parade passed in review before the mayor and members of the city government, after which regimental parade was held in the presence of several thousand people.

Discipline throughout the day was excellent, and the strength of the regiment was 45 officers and 596 men, a total of 641.

I am, very respectfully,

Your obedient servant,

EMBURY P. CLARK,

*Colonel Commanding.*

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HEADQUARTERS FIFTH REGIMENT OF INFANTRY,  
SECOND BRIGADE, M. V. M.,  
BOSTON, Oct. 17, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General.*

SIR:—In accordance with General Orders No. 11, and S. O. No. 105, C. S., A. G. O., this regiment performed its annual drill in the town of Braintree on Sept. 28, 1893. The several companies, with the exception of D and K, responded promptly at the railroad station, Kneeland Street, so that the train, consisting of eleven passenger and three freight cars, the latter taking the horses, left promptly on the scheduled time, 9.20 A.M.

Braintree was reached in twenty minutes, and there the band and drum corps, with Companies D and K, reported. Knapsacks containing dress coat and helmet and with great coat strapped thereon were deposited in the armory of Company K, and the regiment was immediately marched to the edge of a vacant tract of land about one mile in length and one-half mile in width, of uneven surface, and generally covered with a low growth of trees and high bush. A detail of eight men from each company was ordered to report to Lieutenant Colonel Frost, and to him there

also reported Chaplain Barrows, Paymaster Warren and Paymaster Sergeant Cabot and Lieutenants Kincaid, Phillips, Whiting and Bray.

The plan of manœuvres was the obstruction offered to the head of an advancing column (the regiment) by the rear guard (Colonel Frost's detachment) of a larger body. Colonel Frost's men turned their blouses inside out to distinguish them from the rest of the regiment. An ammunition wagon was assigned to Colonel Frost, and one also to each of the three battalions of the regiment. Two other wagons were supplied as ambulances, and a detachment of the brigade ambulance corps was divided between the two bodies, Dr. Chase remaining with the main body, and the hospital steward going with the detachment. During the forenoon, Sergeant Cahill of Company K fell over a log and broke his leg, and another man was slightly burned by the discharge of a rifle in the bush.

After manœuvring across the territory selected, the troops were drawn up beside a road and were given an hour for rations carried in haversack and canteen. In the afternoon the movements were repeated in re-crossing the field. After street firing in street column, the regiment was marched to the armory and changed to full dress uniform, heavy marching order. A street parade was made to a vacant lot, where evening parade was held. A fine engraving presented by the friends of Company K was awarded to Company I for its general military excellence during the day.

Colonel King, of His Excellency's staff, accompanied the regiment, and during the day were present Colonel Chase, also of the staff; Colonel Bogan, Ninth Infantry; Lieutenant Fry, Naval Brigade staff, and Dr. Clark, Ambulance Corps, Second Brigade. The several companies, with the exception of D and K, and the horses were loaded aboard the train and were ready to start for Boston at 5.15 P.M., at which time the train left. The regiment reached Boston at 5.40. The arrangements made by the N. Y., N. H. & H. R. R. were satisfactory and admirably carried out. The weather was fine, the behavior of the men excellent, and I am sure the day's duty was profitable. The officers of the regiment are indebted to the honorary members of Company K for a substantial lunch at its armory in the afternoon.

Very respectfully,

Your obedient servant,

WM. A. BANCROFT,

*Colonel.*

HEADQUARTERS SIXTH REGIMENT INFANTRY,  
FIRST BRIGADE, M. V. M.,  
MARLBOROUGH, Oct. 12, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General, M. V. M.*

GENERAL:—In accordance with General Orders No. 112, A. G. O., C. S., I have the honor to submit the following report of the annual drill of the Sixth Regiment Infantry at Fitchburg, Oct. 11, 1893.

In compliance with General Orders No. 11, headquarters of Sixth Infantry, Oct. 4, 1893, Companies A, H and L reported to Major Taylor at Fitchburg Railway station, in Boston, at 7.50 A.M.

Owing to delay by railway officials, they were unable to embark as promptly as they would have done had the cars been ready. They were joined by Company I, at Concord Junction, on arrival of the train. Companies C and G, with Assistant Surgeon Porter, took a special train from Lowell on the Boston & Maine Railway, and connected with the Fitchburg train at Ayer Junction, arriving at South Fitchburg at 9.20 A.M.

Companies M and E took a special train at South Framingham at 7.45 A.M., on the New York, New Haven & Hartford Railroad, Northern Division, and were joined at Marlborough Junction by the regimental commander, commissioned and non-commissioned staff, Company F and band. These were met at South Fitchburg by Company K, which, accompanied by Major Chaffin, had left Southbridge at 6 A.M., via New York & New England Railroad to Worcester, thence to South Fitchburg via Boston & Maine and New York, New Haven & Hartford railroads, arriving at 9.20 A.M.

Companies B and D, with Surgeon Rice, marched from Fitchburg to South Fitchburg, where they were joined by Companies E and M, under command of Major Darling, who reported to Lieutenant Colonel Woodward on the Bemis road near the fair grounds. These constituted the defending forces. Blank ammunition was issued to the troops on the train en route to Fitchburg, great care being taken that no ball cartridges were in possession of the men.

The ground selected for the manœuvres had been personally visited by the regimental officers, and was well adapted for practical movements. It was covered with scrub oak and heavy underbrush, divided by nearly impossible ravines, flanked on the east by a swamp and on the west by a river, while on the north, in the rear of the position chosen for the defence, was a high hill which commanded a view of all the approaches, with the exception of one on the right flank of the attacking force.

The two battalions, under Majors Chaffin and Taylor, were selected to make the assault. They marched to a position hidden from the view of the defending force. The officers of the attacking force were then assembled, the plan of the attack explained, and a map of the ground, drawn by Lieutenant Devlin, given to the battalion commanders. These officers were instructed not to allow, under any circumstances, their forces to advance to a point nearer than twenty paces from the defending force. This order was strictly observed.

The first battalion, under command of Major Chaffin, moved to the right, and platoons from each of the companies were advanced in extended order under cover of the woods. The remaining platoons were kept as support and reserves, but were brought into action in the final assault. The centre and Bemis road were held by Company L.

Lieutenant Devlin, with a detachment of Company F, was ordered to take a long detour through the thick woods, his flank and rear being protected by an impassable swamp, and make a feint on the rear of the left of the defending force. The opening of fire by Lieutenant Devlin's detachment was the signal for Major Chaffin to throw his whole force on Colonel Woodward's left flank. This movement was successfully executed, thus completely flanking the lines of the defence. As soon as Major Chaffin had commenced the attack, a rocket was sent up as a signal for Major Taylor to advance the second battalion from under cover of an embankment, and engage the enemy's right. A sharp skirmish fire immediately commenced. This was returned by a volley from Colonel Woodward's force, which was strongly intrenched in the woods. The centre was advancing too fast, and a halt was called by the commanding officer in order to correct the alignment. This being done, the final attack was ordered. The line advanced steadily, Major Taylor driving the right of the defending troops from their position, while Major Chaffin, having flanked their left, cut off their retreat. Colonel Woodward, being overpowered, raised the white flag and surrendered, which terminated the engagement.

It is gratifying to state that all the manoeuvres were executed without a single accident. A map of the battlefield accompanies this report.

Colonel Keeler and Lieutenant Colonel Parker acted as umpires. Captain Cutter was officer of the day, and, with a detachment of his company, guarded the wagon train. At the close of the engagement he was ordered forward.

The assembly was then sounded, the line formed, and the regiment marched to the fair grounds, where water and towels were

provided for and freely used by the men. They partook of a hearty meal from their haversacks, the city of Fitchburg furnishing coffee. At that time His Honor Mayor Lowe and the city government invited the colonel commanding, his field and staff officers, together with General Bridges, Colonel King, Assistant Inspector General, Colonel Keeler and Lieutenant Colonel Parker and Captain Lathrop to dine with them as guests of the city of Fitchburg in the dining-hall at the fair grounds.

At 2 P.M. the assembly was sounded, the regimental line formed and marched to the city, about two miles distant. General Bridges and members of his staff accompanied the regimental commander on the line of march. On reaching the American House, street riot drill was executed in square formations according to paragraph 367, but did not occupy the sidewalks, as Company I was deployed as sharpshooters to act there, and they covered the houses on both sides of the street. After advancing in this formation for some distance, the regiment was formed in column of companies. On reaching a cross street, the first company divided, one platoon turning to the right, the other to the left, and held the streets, while the regiment advanced to the next, where the second company performed the same movement that the first had executed. This was repeated by the other companies in turn.

The regiment was then marched to the Common, where a regimental parade was held. After that ceremony, marksmen were presented with medals won at regimental rifle practice. The regiment was then addressed by General Bridges and the chaplain. Then the command was formed in column of companies and mustered for pay. On the line of march to the railway station, Mayor Lowe was tendered a marching salute at City Hall. A like courtesy was also extended to General Bridges.

On reaching the railway station, the troops were quickly, and in good order, embarked.

The regimental commander is pleased to report that throughout the day excellent order and discipline were maintained, for which he received the warmly expressed congratulations of his military guests, of Mayor Lowe and of the other city officials. Much credit is due to the officers of the regiment for their hearty co-operation with the colonel commanding.

Thanks are due to the mayor and city government of Fitchburg for the generous courtesies tendered on this occasion.

Very respectfully, your obedient servant,

HENRY PARSONS,  
*Colonel Commanding.*

HEADQUARTERS EIGHTH REGIMENT INFANTRY, M. V. M.,  
SALEM, Oct. 1, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General State of Massachusetts.*

GENERAL:—I have the honor to report that in pursuance of Special Orders No. 51, A. G. O., C. S., this regiment performed its annual drill at South Framingham on Monday, July 17, last.

In compliance with General Order No. 8, these headquarters, commanders of companies, with their commands in fatigue dress and heavy marching order, drum major, band and drum corps in fatigue dress, were ordered to report to the adjutant upon the train conveying the regiment. Field and staff reported to the commanding officer upon arrival of the train at South Framingham.

The schedule time at which the companies were to embark was punctually followed, no time being lost, as some attention had been paid to this, both in assignment of cars and manner of entering (by the rear), and disembarking (from the front).

The time for arrival at and departure from Somerville, 9.25 A.M., where we were to take the Boston & Albany track, via the Grand Junction, was quite closely followed. From this point to our destination was where the greatest loss of time occurred, from which cause we were twenty minutes late in arriving at South Framingham. It would have been impossible, however, had the train been on schedule time, to have arrived at our destination at 10 o'clock, the hour at which we were ordered to report.

Upon arrival of the train, no time was lost, and without delay the regiment disembarked, formed, and immediately took up its march, and in about thirty-two minutes from our arrival at South Framingham I reported upon the State camp grounds with a total strength of 700, officers and men. Line was formed, after which the regiment was dismissed.

Promptly at 2.30 (the regular guard details having been previously prepared), the ceremony of guard mounting was held, and, with the exception of a few errors, was fairly performed; the regular guard was posted, and this portion of the week's duties begun. At 3.30 battalions were assembled and companies were dismissed to their commanders for drill, followed by battalion drill until 5 o'clock P.M., when they were dismissed. Regimental parade and muster for pay completed the duties of the day.

The first night in camp, which really was a part of the annual drill, passed off quite satisfactorily; retreat roll call was prompt, and found every man present, and taps found the camp quiet.

At 5.45 A.M., on the 18th, reveille was sounded; companies responded promptly, and formations were well and promptly

performed, rolls called and reports made; after which the usual customs prevailed. Guard mounting was performed at 8.30, followed by company and battalion drills from 9.30 till 11.30, which concluded the duties of our annual drill, which, upon the whole, was quite satisfactory, its beneficial effects being made manifest in the work of the five succeeding days.

I am, very respectfully, your obedient servant,

CHARLES L. DODGE,

*Lieutenant Colonel Commanding.*

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HEADQUARTERS NINTH REGIMENT INFANTRY, M. V. M.,  
BOSTON, Oct. 14, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General.*

DEAR SIR: — I have the honor to report that, in accordance with General Order No. 11, C. S., A. G. O., dated Aug. 24, 1893, the Ninth Regiment of Infantry performed its annual drill at Boston, October 5.

Pursuant to General Order No. 4, from the headquarters, dated Sept. 9, 1893, the several companies of the regiment were ordered to report at the regimental armory, East Newton Street, at 9.30 A.M.

Regimental line was formed at 10 o'clock, and we left the armory soon after, making a parade through the following streets: East Newton, Washington, Summer, High, Pearl, Milk, Broad, State, Washington, School and Beacon to the Common, where we disposed of dress coats and knapsacks, formed line and marched to Beacon, Arlington, Marlborough and Gloucester streets back to Beacon, where we formed street columns.

The first battalion halted and formed square at Exeter Street, and second battalion at Fairfield Street, third battalion at Gloucester Street. Each battalion fired four volleys, after which we formed street column and marched to Charles Street, where we broke into column of fours to enter the Common, which was about 1 P.M., and we dismissed for dinner.

After dinner, about 2.15 P.M., all non-commissioned officers had squad drills by signals.

The extended order was exemplified by placing Company B on the defensive, using knapsacks for cover; Company H on the offensive. They manœuvred three-quarters of an hour, and were relieved by Company D in defence, and Company I on the offence, using blank cartridges and being instructed not to approach one another nearer than fifty feet.

First battalion formed line, broke into column of fours, took double time and formed street column, formed square and fired three volleys kneeling, and retired.

Second battalion formed line, took double time, fired three volleys and retired.

Third battalion, in column of fours, double time, formed street column and square and fired three volleys, then retired.

The regiment was then formed for regimental parade, after which they formed in column of companies and passed in review under command of non-commissioned officers. Roll was then called, and companies were dismissed at 5.30 P.M.

Colonel Chase, Assistant Inspector General, accompanied us on this tour of duty and gave some valuable suggestions, for which we are grateful.

I am, very respectfully,

Your obedient servant,

FRED B. BOGAN,

*Colonel.*

HEADQUARTERS FIRST BATTALION CAVALRY,  
SECOND BRIGADE, M. V. M.,  
BOSTON, July 26, 1893.

Maj Gen. SAMUEL DALTON, *Adjutant General, M. V. M.*

GENERAL:—I have the honor to report on the annual drill of my command as follows:—

Special Orders No. 51, A. G. O., granted permission to hold the drill on the day preceding the annual tour of camp duty, and to make the drill a route march to South Framingham.

In accordance with Battalion Orders No. 3, the command reported at the Irvington Street Armory, mounted, in fatigue uniform, at 7 o'clock A.M. The battalion was immediately formed in column of fours, and march taken up for South Framingham. The route of march was: Huntington Avenue, Falmouth Street, Westland Avenue, Back Bay Park, Commonwealth Avenue, Brighton Avenue, and Washington Street to Brighton, Washington Street through Newton, Newtonville, West Newton and Lower Falls to Wellesley Hills; thence by the old Worcester turnpike to the camp ground.

The headquarters and each troop were allowed a wagon for the transportation of rations and baggage. These were placed in rear of the command, under direction of quartermaster sergeants and escorted by a small guard commanded by a sergeant.

Immediately on leaving the city, the battalion was divided up

into squads of about eight men each, under the command of a non-commissioned officer. These squads were thoroughly practised in the school of the trooper, officers superintending the instruction of the squad leaders. Particular attention was given to handling horses and to horsemanship.

The command was dismounted at Newton, 9.05 A.M., and horses led for five minutes. Shortly after 11 A.M. the troops were united and squadron formation assumed. Halt was made at 11.25 A.M. for dinner. The horses were picketed on a side road just beyond Wellesley Hills. Rations were issued for horses and men, and horses fed under the immediate care of their riders while eating their own dinners. Dinner over, and a short time allowed for policing the grounds and packing feed bags, picket lines, etc., the march was resumed at 12.35 P.M.

At this point advance and rear guards were thrown out. A flanking detachment was also directed to make a detour to the south and move along a parallel road, rejoining the main body just before entering camp.

Col. William L. Chase, Inspector General of Rifle Practice and Acting Inspector General, accompanied the battalion as inspecting officer. The command is indebted to him for his kindly interest and valuable suggestions. Colonel Chase accompanied the flanking party in the afternoon. Lieutenant Chase, Assistant Surgeon, Fifth Infantry, joined the command on the road, and very kindly accepted an invitation to accompany the flankers as medical officer. The thanks of the command are due Lieutenant Chase for this volunteer duty.

On resuming the march after dinner, the main body moved forward in squadron formation, the principles of the route march being observed. The men were dismounted at 1.15 P.M., and horses led five minutes. "Halt" was sounded at 1.20 P.M., and, after five minutes' rest, "Forward." "Halt" again at 2.15 P.M. to 2.35 P.M., just before entering camp. Advance and rear guards were called in, the flanking party rejoined, the command moved forward at "Attention," entering the camp ground at 2.50 P.M.

The strength of the command was: field and staff, 7 officers and 5 men; Troop A, 3 officers and 53 men; Troop D, 3 officers and 55 men; total, 13 officers and 113 men. The strength was reduced by the usual preliminary camp detail of 1 officer and 14 men.

Very respectfully, your obedient servant,

HORACE G. KEMP,  
*Major.*

TROOP F, CAVALRY, FIRST BRIGADE, M. V. M.,  
WESTFORD, MASS., July 1, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General, M. V. M.*

GENERAL:—I have the honor to submit the following report of the annual field day of this command, held on June 5 at the State camp ground, Framingham, in accordance with Special Order No. 51, C. S., A. G. O.

Nearly all of the men were in camp the night previous to the day's duty, and were ready for drill at 10 o'clock, which was a mounted drill of over an hour. After dinner had two hours' drill by company and platoon movements. Horses were inspected by veterinary surgeon of the artillery. I think this is the best annual drill the company ever had, and the best results obtained, as it gave good preparation for the remainder of the week.

I have the honor to be, very respectfully,

Your obedient servant,

HORACE W. WILSON,  
*Captain, Troop F, Cavalry.*

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FIRST BATTALION LIGHT ARTILLERY, FIRST BRIGADE, M. V. M.,  
LAWRENCE, MASS., Dec. 19, 1893.

Maj. Gen. SAMUEL DALTON, *Adjutant General.*

GENERAL:—I have the honor to submit my report of the fall field day of my command, June 3, 1893, by Batteries B, of Worcester, on the road from Worcester to South Framingham, and C at the State camp ground,—the latter reaching that point by rail from Lawrence.

I would earnestly recommend that the annual drill now performed by batteries, in such city as each may be located, always unsatisfactory to everybody, as well as expensive to the State, be suspended; and that, instead, both batteries be ordered to rendezvous at some place on the coast, dismounted, with two field pieces and two Gatlings, for the purpose of practising with fixed ammunition. For this purpose, tents should be provided, so that two or three days could be spent profitably. Should the State pay for one or two days' time, with mileage, I am sure the officers and men would remain longer under practice, at their own expense.

I am of the opinion that the duty now performed is useless, as the time required to horse the batteries, with its necessary labor, and the constant diversion of officers' and drivers' attention to "green" horses, takes far too much time away from drill. The

day is profitable neither for the command nor the State. Furthermore, target practice is essential as much in artillery as other branches. I consider the batteries well up in general drill, and what is most needed to perfect the service is the abandonment of unnecessary expense in mounted "one day parades," and the placing of the money so expended into practical work.

Respectfully, your obedient servant,

L. N. DUCHESNEY,  
*Major.*

## GENERAL ORDERS AND CIRCULARS.

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Jan. 17, 1893.

## GENERAL ORDERS, No. 1. \*

I. The following is published for the information of the militia:—

EXECUTIVE DEPARTMENT, BOSTON, Jan. 17, 1893.

Upon the report and recommendations of the Inspector General's department and the Adjutant General, the following-mentioned petition for a company to be attached to the militia of the Commonwealth is hereby approved, and the same will be mustered into the military service of the State, viz.: Herbert W. Fay and others of South Framingham.

(Signed) W. E. RUSSELL,  
*Governor and Commander-in-Chief.*

II. Col. Henry Parsons, commanding the Sixth Infantry, will arrange for the muster-in of the new company at South Framingham on Monday evening, Jan. 23, 1893.

He will detail a medical officer of his command for the examination of all men enlisting on the above evening. Upon the muster-in of the company, the usual notice to electors being waived, the election of company officers may be held, Col. Henry Parsons presiding.

III. The new company will be attached to the Sixth Infantry and be known as Company E of that command.

By order of the Commander-in-Chief,

SAMUEL DALTON,  
*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Jan. 27, 1893.

## GENERAL ORDERS, No. 2.

I. The Massachusetts Volunteer Militia will the present year be inspected in armories between February 1 and April 15. Regi-

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\* Whole number, series of 1892, 19.

mental commanders of infantry, battalion commanders of artillery, cavalry, cadet corps and naval battalions will personally inspect the companies of their respective commands. Unattached companies and signal corps will be inspected by the assistant inspectors of brigade; ambulance corps by the medical directors of brigade.

II. The companies will be thoroughly inspected, and when incompetent or neglectful commissioned officers are found, such will be requested to resign, or an application be made that they may be ordered before the Board of Military Examiners. Inefficient non-commissioned officers will be reduced to the ranks.

III. Company commanders will be instructed that the allowance provided by law for repairs must be expended in necessary repairs to clothing and equipment of the commands, and in fitting and cleansing uniforms.

IV. The inspection will include the records and the financial condition of the companies. The property in possession of the companies having already been examined by the Quartermaster's department, the inspectors will not be required to verify the same.

V. Upon completion of the inspections the inspectors will make report on blanks, which will be furnished from this office, in which the attendance must be accurately stated in each command, in order that the allowances based on average attendance at tours of duty may be determined. Report will also be made on the condition and fitness of armories, and what amount is considered as a reasonable allowance for the rental of each.

Reports will be made in duplicate, one to be forwarded to brigade commanders and one to the Adjutant General for the information of the Inspector General's department.

VI. Companies found below the standard of efficiency will be reported, and will receive the attention of the Inspector General's department.

VII. Companies will be inspected separately. One day's special-duty pay will be allowed inspecting officers for each company inspected.

Mileage will be paid on quarterly returns of visits to companies, and will count as one of the visits allowed by law. Assistant inspectors and medical directors of brigades will be allowed one day's special-duty pay and mileage.

By order of the Commander-in-Chief,

SAMUEL DALTON,

*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Feb. 1, 1893.

GENERAL ORDERS, No. 3.

The Target Season of 1893, now open, will close October 31.

I. AMMUNITION.

Upon receipt of requisitions of commanding officers and company commanders, duly certified by the Inspector of Rifle Practice, on the blanks provided, there will be set aside for each headquarters and company armed with the rifle or carbine one box, 500 rounds, Frankfort ammunition.

The complete and incomplete score cards will be preserved and considered in the allowance of the State appropriation for ammunition.

On further requisition of company commanders, carrying endorsement of the Inspector of Rifle Practice, accompanied either by paid bills as vouchers of actual expenditure for reloading ammunition or by the certification of the company commander on the blanks furnished for such purpose, allowance of \$20, the equivalent of 1,500 rounds reloaded ammunition will be granted.

On further like requisition, a second allowance of \$20 will be granted in the same manner.

All bills under this order must be forwarded to be received not later than October 31.

Regimental, corps and battalion inspectors will confer with company commanders as to securing reliable ammunition at the best advantage.

II. ARMORY WORK.

Preliminary instruction must precede any firing.

Companies should be exercised in aiming drill to secure steadiness, quick response to command and fire discipline.

Particular attention must be paid to recruits and non-marksmen. Armory practice, whenever practicable, is of great value to correct errors in the hold, trigger pull and defective sighting.

No man will be permitted to proceed to range-target practice until thoroughly grounded in the general principles of firing.

Inspections will include report to the department on the thoroughness of the methods followed, and the efficiency of the militia with their arms.

III. RECORDS.

Every shot fired is to be recorded, but a man may withdraw a string begun, leaving the ticket uncompleted, and start anew. Uncompleted scores are to be preserved, signed and turned in.

All scores will be on the official score tickets, supplied by the Quartermaster-General upon application by letter. These tickets should be used in numerical order, one part retained and one turned in to the Inspector of Rifle Practice.

All scores for record must be verified by the Inspector of Rifle Practice or, in his absence, by a commissioned officer present. When impracticable for a commissioned officer to be on the range, upon such evidence of a non-commissioned officer present as shall be deemed satisfactory, scores may be accepted if certified by the company commander.

#### IV. QUALIFICATIONS.

The following qualifications are hereby established:—

*Third Class.*—Two scores of 15 out of a possible 25, at 200 yards.

*Second Class.*—Two scores of 18 out of a possible 25, at 200 yards.

*First Class.*—Two scores of 21 out of a possible 25, at 200 yards; two scores of 21 out of a possible 25, at 500 yards.

*Sharpshooter Class.*—Two scores of 22 out of a possible 25, at 200 yards; two scores of 24 out of a possible 25, at 500 yards; two scores of 23 out of a possible 25, at 600 yards.

*Distinguished Marksman Class.*—Sharpshooters of record, who (1) have represented the State at Creedmoor, or (2) who may be mentioned in orders as the First Twelve, or (3) who have won an individual trophy at the State match.

Second-class marksmen armed with the carbine may use the rifle, when practicable, for ranges beyond 200 yards; one point will be allowed on each score for qualification made with the carbine at 500 yards and 600 yards.

Position at 200 yards, standing; at the longer ranges, any position.

#### V. REVOLVERS.

Provided all the officers of an organization agree voluntarily to furnish themselves with revolvers, qualifications will be established.

Rules governing qualifications with the revolver will be issued in a later order, which will state the revolver to be used.

#### VI. ENTRIES.

Only marksmen of record may enter for the competitions provided in this order.

No person will be eligible for team or individual entry unless he has performed at least one-half of all State duty, prescribed by General Statute, to which he has been liable during the year, and unless he has been mustered into service previous to September 1.

At State, regimental, corps or battalion competitions fatigue uniform is prescribed.

Competitors provide their own ammunition.

The rifle or carbine used must be that issued by the State, with sights properly pertaining to the piece. Rifles must not be cleaned during the competition.

Violation of any rule, or any act of carelessness, will debar the offender.

*These rules are general.*

#### VII. SCORING.

Scorekeepers shall write upon the blackboard the names of the competitors in the order in which they are firing. Scorekeepers will call aloud the name of the competitor and the value of each shot as signalled, which must be done before the next shot is fired. At the conclusion of the score of each competitor his name and total score shall be announced.

#### VIII. PROTESTS.

All protests must be made in writing, in duplicate, within two hours of the occurrence.

Any team or competitor aggrieved by a decision of the executive officer may enter a protest with him to be forwarded to the Adjutant General. No challenges of marking or non-marking will be permitted, except at the discretion of the executive officer.

#### IX. COMPETITIONS.

Subject to such modification as may be deemed expedient, the State competitions will be as follows : —

Independent of the company work (which should qualify at least three-quarters of the men in each company), each regiment, corps and the Naval Brigade may have an annual competition, in which teams of seven from each company, selected for their proficiency, shall compete, at the same time, on the most convenient range. The most "convenient range" will be considered that which has sufficient facilities within the most "convenient" distance. Regimental officers may, if advisable, have their competitions in detachments, not less than four companies shooting at one time ; and they will, in any case, notify this office of intended arrangements, for approval.

In such contest ten consecutive shots shall be fired at the 200 yards range.

The twelve highest men will win a place on the regimental team. Officers and non-commissioned staff officers of the several organi-

zations, not firing with companies, may compete at the same time, and those who make more points than the lowest of the first twelve enlisted men will earn a place on their regimental team.

At the regimental competitions the company making the best score will win a suitable trophy.

Subject to the approval of the commanding officer, the Inspector of Rifle Practice will select twelve to represent the organization at the general State competition.

The Inspector of Rifle Practice of the cavalry may arrange for such competition of teams of six from the several troops under his personal supervision, on the most convenient range, as will establish their standing.

The winning team will receive a trophy, and those who make the six highest scores will be entitled to compete at the general State competition.

Any members of the State militia, not armed with the rifle, who desire to practise, furnishing their own ammunition and conforming to the regulations, can have their scores, duly certified, turned in to the Inspector General of Rifle Practice for qualification records; and, subject to his approval, not to exceed six of such marksmen may compete at the general State competition.

#### X. OFFICERS.

While the rifle is the arm of the enlisted men, and rewards for its efficient use properly belong to them, the department recognizes the value of having officers take an active interest in shooting.

At the general State competition not to exceed six from the staffs of the First and Second Brigades may compete.

#### XI. GENERAL STATE COMPETITION.

The general State competition will be held before October 10. At this match the teams of twelve from the several organizations will compete at 200 yards and, if practicable, at 500 yards.

All competitors (except distinguished marksmen) will compete for individual trophies:—

For the three highest scores by sharpshooters of record.

For the four highest scores by first-class marksmen.

For the three highest scores of the junior classes.

Scores of competitors shooting on the teams will count for individual trophies.

Competitors making the twelve highest scores, officers or men, will be mentioned in orders.

The tri-color will be the regimental trophy won by the winning team.

## XII. DISTINGUISHED MARKSMAN CLASS.

The State competition for distinguished marksmen will comprise firing at known and unknown distances, and estimating distances in skirmish formation.

The three highest scores in the distinguished marksmen competition will be recognized by medals.

## XIII. TROPHIES.

Individual trophies become the property of the officers or enlisted men who win them. All headquarters and company trophies issued, or hereafter to be issued, will not be borne upon their returns, but on the discontinuance of a company for any cause will be turned in to the Adjutant General.

## XIV. MEDALS AND RIBBONS.

Medals are worn only in full dress, on the left breast.

The State recognizes original qualification for the five grades established of distinguished marksman, sharpshooter, first-class, second-class and third-class marksman by a medal; with a bar for the sharpshooter and a bullet for the marksman classes, bearing the year of requalification.

On State service, only medals issued by the State or won at Creedmoor, not to exceed six in number in all, may be worn. Officers or men who have won distinctively military decorations of importance, outside of strictly State authority, may apply for special permission to include such decorations within the number permitted on State duty.

Regimental, corps or company medals, and semi-military medals with State sanction to encourage voluntary practice, may be worn on social occasions, and with the authority of the commanding officer when the organization parades alone.

Ribbons worn on the blouse are subject to the same restrictions as medals.

## XV. BUTTONS FOR MARKSMANSHIP.

Buttons are issued by the State for original qualification as marksman, sharpshooter and distinguished marksman.

No more than two buttons (one set) may be worn at the same time.

## XVI. RECORD OF MARKSMANSHIP.

Qualifications may be reported by the Inspector of Rifle Practice that record may be established of officers and men for the competitions, and the issue of buttons when desired.

Qualifications raised subsequently will appear in the official reports covering the target year, and the final return will establish the standing for the season.

#### XVII. FIGURE OF MERIT.

The relative standing of a company will be established on the enrolled strength October 31.

Every distinguished marksman and sharpshooter will count five points.

Every first-class marksman, four points.

Every second-class marksman, three points.

Every third-class marksman, two points.

Every man who has fired during the target season but failed to qualify, one point.

Any member of a company winning an individual prize, a place on the State team, or shooting on a winning team in a State competition will carry five points additional to the standing of the company.

Fifty dollars will be given to the company having the best standing October 31, and \$25 to each company that qualifies the full complement of enlisted men as marksmen.

#### XVIII. PAYMENT AND TRANSPORTATION.

At the State match pay at the rate of \$4 for officers and \$2 for men, with transportation for officers and men under orders, will be allowed.

At the regimental competitions and the distinguished marksman competition, pay at the rate of \$2 and transportation will be allowed for both officers and men competing.

Markers will be provided at the State competitions. At regimental matches there will be allowed \$12 and at battalion matches \$6 to pay for markers.

Commanders will have muster and assignment rolls in readiness at the close of competition for muster by the officer detailed for that duty.

#### XIX. INSPECTORS.

Brigade inspectors will confer with the department to keep touch on strictly departmental matters. They will report their views as to the best course to promote increased interest and real progress in rifle work during the winter. Brigade inspectors will be allowed mileage to visit regimental headquarters twice in each target year to confer at officers' meetings on the best methods of securing real efficiency in rifle work.

Regimental inspectors will report to the department the present range facilities of their organization, and submit such other reports as may be called for by the department.

Provision is made (by law) for inspectors to visit companies to supervise the preliminary work in the armory. Reports of such visits will be duly made to the department. The Inspector General of Rifle Practice is permitted to call the Assistant Inspector General of Rifle Practice and Inspectors of Rifle Practice together once each quarter, for which mileage will be allowed.

Commanding officers of companies must notify the Inspector of Rifle Practice of all dates appointed for field work in any target year. The Inspector of Rifle Practice shall attend in person (or by substitute), with transportation allowance, as fixed by statute of 1887, chapter 411, section 127. His duty will be (1) to ascertain how thoroughly armory work has been done, (2) to inspect the practical work in the field, (3) to verify scores as far as possible, and (4) to take such action for general improvement as his judgment and discretion may prompt.

Inspectors will advise with the department and report measures taken to further and insure proper proficiency in shooting.

## XX. RETURNS.

All Inspectors of Rifle Practice will have their final official reports forwarded to reach the Inspector General of Rifle Practice not later than Nov. 10, 1893. Duplicate reports will be sent to brigade headquarters.

Inspectors of Rifle Practice will submit reports of their respective regimental, corps or battalion competitions within forty-eight hours of such competitions to the department.

By order of the Commander-in-Chief,

WM. LEVERETT CHASE,

*Colonel and Inspector General of Rifle Practice.*

OFFICIAL :

SAMUEL DALTON,  
*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Feb. 6, 1893.

## GENERAL ORDERS, No. 4.

I. The court of inquiry constituted by Special Orders No. 100 from this office, dated Aug. 20, 1892, having made its report, and the same having been submitted to the Judge Advocate General, who declares the proceedings, statement of facts and recommenda-

tions regular and according to law, the orders of the Commander-in-Chief are as follows :—

EXECUTIVE DEPARTMENT, BOSTON, Feb. 6, 1893.

The proceedings, statement of facts, opinions and recommendations of the court of inquiry, of which Lieutenant Colonel Charles F. Woodward, Sixth Regiment of Infantry, is president, are hereby approved, and the Adjutant General will issue the necessary orders to carry into effect the recommendations of the court.

WILLIAM E. RUSSELL,  
*Governor and Commander-in-Chief.*

II. That Captain Benjamin H. Jellison, Company F, Eighth Regiment Infantry, Second Brigade, M. V. M., for the forcible rescue of a prisoner from the custody and control of the guard at the encampment of the Second Brigade, M. V. M., in the month of July, 1892, in violation of the military law and discipline, is hereby discharged, in accordance with the recommendations of the court.

III. That Captain Herbert E. Staples, Company H, Eighth Regiment Infantry, Second Brigade, M. V. M., as officer of the day, for neglect of duty in not exercising the authority vested in him, by placing Captain Jellison in arrest, is hereby reprimanded, in accordance with the recommendations of the court.

IV. That Second Lieutenant Winfield S. Dennison, Company G, Eighth Regiment Infantry, for "flagrant neglect of duty and cowardice," is hereby discharged, in accordance with the recommendations of the court.

V. In the case of Corporal Edward A. Connelly, Company F, Eighth Regiment Infantry, Second Brigade, M. V. M., who aided and abetted the escape of a prisoner, the court recommends that his re-enlistment clause be stricken out and that he be discharged, as the interests of the service demand it. Corporal Edward A. Connelly will be discharged, as recommended by the court.

VI. That the interests of the service demand the discharge of Corporal James E. Connor, Company F, Eighth Regiment Infantry, Second Brigade, because he failed to protect a sentry when insulted and assaulted; the court recommends that the re-enlistment clause in his discharge be stricken out. Corporal James E. Connor will be discharged, as recommended by the court.

VII. That Private Joseph E. LeBlanc of Company H, and ex-Sergeant Joseph P. Bessom, late of Company C, Eighth Regiment Infantry, be commended for their conduct in this affair, and the said Joseph E. LeBlanc and Joseph P. Bessom are hereby commended for their soldierly conduct.

VIII. In the case of Major George A. Copeland, Eighth Regiment Infantry, Second Brigade, M. V. M., charged with conduct unbecoming an officer and prejudicial to the service while in camp at South Framingham, July 14, 1892; also with like conduct at Gloucester, Aug. 25, 1892, and with disobedience of orders and neglect of duty at camp July 11 to 16 inclusive, the court is of the opinion that the charges are not sustained by the evidence.

The court says: "While there is a general failure of the allegations, no evidence was presented to show that Major Copeland had made any special effort to cordially co-operate with the commanding officer of the regiment. But whatever lack of unity of action there may have been on the part of officers of the regiment, prompt and proper action by the commanding officer would easily have remedied the difficulty and have prevented the examination by a court of inquiry of a series of allegations which, as a whole, were of altogether too frivolous a character to have been allowed to occupy the attention of such a body."

IX. The following is their summing up of the cases investigated by the court, in the conclusions of which the Commander-in-Chief concurs:—

"The court feels impelled to say that, from the facts presented in this and other cases investigated by it, there is a serious lack of harmony among the officers of the regiment, a failure to treat the most serious offences against military law in a manner in any way commensurate with their magnitude, and such confused ideas of discipline as to lead to a serious doubt whether, under existing conditions and officership, the Eighth Regiment can possibly assume the position in the ranks of the militia to which its material justifies it. And the court is clearly of the opinion that there should be at once a thorough and complete reorganization of this regiment."

X. Maj. Gen. Samuel Dalton, Adjutant General, and Brig. Gen. Benjamin F. Peach, Jr., commanding Second Brigade, M. V. M., will report to the commander-in-Chief at the State House, Boston, on Friday, the tenth day of February instant, at twelve o'clock m., for the purpose of considering the recommendations of the court for the reorganization of the Eighth Regiment of Infantry.

XI. The court of inquiry, of which Lieut. Col. Charles F. Woodward is president, is hereby dissolved.

By order of the Commander-in-Chief,

SAMUEL DALTON,  
*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Feb. 23, 1893.

GENERAL ORDERS, No. 5.

I. The following is published for the information of the militia : —

EXECUTIVE DEPARTMENT, BOSTON, Feb. 23, 1893.

Upon the report and recommendations of the inspector general's department, transmitted by the adjutant general, the following-mentioned petition for a company to be attached to the naval militia of the Commonwealth is hereby approved, and the same will be mustered into the military service of the State, viz.: Fred H. Weston and others of Springfield.

(Signed)

WM. E. RUSSELL,  
*Governor and Commander-in-Chief.*

II. Lieut. Com. John C. Soley, commanding naval battalion, M. V. M., will arrange to muster in the new company at Springfield on Monday evening, March 6. He will detail a medical officer of his command to examine recruits.

Upon the muster-in of the new company at Springfield, which will be known as Company H, an election of officers may be held (the usual notice being waived), at which Lieutenant Commander Soley will preside. The officers elected will at once be ordered for examination by the presiding officer.

All books, blanks and papers necessary for the performance of this duty will be furnished from this office on application of the officer detailed for this duty.

III. The naval brigade, authorized by chapter 366 of the Acts of 1892, will be organized as follows: First battalion, companies A, B, C and D, stationed in Boston. Second battalion, Company E, Lynn; F, Fall River; G, New Bedford; H, Springfield.

Lieut. Com. John C. Soley, commanding the naval battalion, will at once, in addition to his other duties, assume command of the naval brigade.

IV. Hereafter all applications for discharge of enlisted men must state fully the reason for such application.

V. Brown canvas leggings, now being issued, will be worn on all ordered duties outside of armories.

By order of the Commander-in-Chief,

SAMUEL DALTON,  
*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, March 31, 1893.

GENERAL ORDERS, No. 6.

I. The following is published for the information of officers and enlisted men of the militia:—

UNITED STATES ARMY REGULATIONS.

*Article I.*

“1. Inferiors are required to obey strictly and to execute promptly the lawful orders of the superiors appointed over them.

“2. Military authority will be exercised with firmness, kindness and justice. Punishments must conform to law, and follow the offence as promptly as circumstances will permit.

“3. Superiors are forbidden to injure those under them by tyrannical or capricious conduct, or by abusive language.

“4. Deliberations or discussions among military men conveying praise or censure, or any mark of approbation towards others in the military service, and all publications relative to transactions between officers of a private or personal nature, are prohibited.”

Hereafter all officers and men will be held to a strict adherence to the above articles, and any departure therefrom will be at once reported by commanding officers.

II. Care will be taken by commanding officers that all general orders are promptly forwarded to company commanders, and all officers entitled to general orders will report at once the number and series of orders not on file.

More attention will be given to a strict compliance with orders, and all departures therefrom will be reported. All general orders will be read at the next meeting of the organization after receipt of the same, and a memorandum made in margin of minutes that the order was read, giving number of same.

III. The troops composing the Massachusetts volunteer militia will hold the annual encampments for the year 1893 as follows:—

First Brigade, Brig. Gen. Benjamin F. Bridges commanding, at the State Camp Ground, South Framingham, June 6 to 10, inclusive. Second Brigade, Brig. Gen. Benjamin F. Peach, Jr., commanding, at the State Camp Ground, South Framingham, July 18 to 22, inclusive. First Corps of Cadets, Lieut. Col. Thomas F. Edmonds commanding, at Hingham, July 11 to 15, inclusive. The annual drill of this command will take place at Hingham, July 10. Second Corps of Cadets, Lieut. Col. John W. Hart

commanding, at Essex, August 8 to 12, inclusive. The annual drill of this command will take place at Essex on August 7.\*

Troops performing camp and annual drill duty the same week must forward separate muster rolls for such duty.

IV. Muster and assignment rolls will be prepared and the muster of troops conducted as provided in Article XXIII., Regulations M. V. M. Blanks will be forwarded, respectively, to brigade, regimental, battalion and company commanders direct from this office, and paymasters will not forward rolls for pay until properly compared and found correct.

No officer or enlisted man will be returned for pay who does not perform at least three days of camp duty. Officers and men who perform duty only on the first and last day are of no benefit to the State.

Officers and enlisted men who report for duty after retreat will not be returned for pay.

Commanding officers will see that all musters are properly conducted, and no man will be returned for pay unless the mustering officer personally sees him and musters him.

V. Brigade commanders are hereby ordered to assume control of the State Camp Ground (excepting the arsenal and buildings immediately adjoining) on the day prior to the encampment of their respective commands, and all officers and soldiers are directed to conform to the regulations which shall be made by brigade commanders in pursuance of this order. Proper details will be made for guarding all property.

VI. Brigade commanders will make details for provost guard, and from each battalion, unattached company of cavalry and artillery, the quartermaster and the quartermaster-sergeant for duty on the day preceding the encampments, but no detail of camping parties for pitching tents will be made. Troops arriving in camp on the day preceding the date of encampment will be under orders of the brigade commanders, and enlisted men will not leave camp without pass. Brigade commanders will also detail a staff officer to attend to embarking and disembarking troops at depots in Boston and South Framingham, on the first and fifth days at camp, who shall forward a detailed report of the same through channels to this office.

All officers of the day and guard will be instructed to see that men in uniform are not allowed to lie on the ground. Cleanliness of clothing requires this to be strictly enforced and the habit has become too common among enlisted men. This does not prohibit lying on the ground when required in drill regulations.

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\* Naval Brigade under S. O., 46, c. s., April 25 to 29, inclusive.

VII. The judge advocate of each brigade is hereby ordered, during the encampments, to exercise jurisdiction under section 110, chapter 411 of the Acts of 1887.

VIII. The officers to whom details are ordered to report will verify the same, and, on the first day of the encampment, certify the names of those present to their paymaster, who will at once see that they are reported on the proper muster rolls in the column for extra duty.

IX. All caterers' help and citizen employees will be provided with some badge or written pass to designate them and their employment.

X. Requisitions for supplies will not be received or filled in camp except in cases of special emergency, and the practice of delaying requisitions until arrival in camp will be discontinued.

XI. Bills for transportation of all horses for headquarters, approved by the commanding officer, with accompanying vouchers, will be forwarded immediately upon the completion of duty, and will be paid through the paymaster. Vouchers must accompany each bill for horse transportation.

XII. All medical officers will enter upon sick book in full all cases coming under their charge, in order to meet all claims that may be made.

The veterinary surgeons of each brigade will thoroughly inspect all horses reported for duty, and they are authorized to reject horses unfit for service and order that they shall not be returned for allowance on bills or pay-rolls. If possible, they will inspect the horses for artillery and cavalry prior to their leaving their home posts. If it is necessary to accomplish this to have the duty performed the day before camp, the veterinary surgeons will perform this duty on these dates and be returned on pay-rolls for extra duty. The horses of officers and enlisted men for which allowance is made will not be ridden by civilians under any consideration whatever, and all racing and over-driving is strictly prohibited.

XIII. Officers of the guard will, as soon as guard is mounted, take an inventory of all State property — uniforms, arms, equipments, etc. — which each enlisted man of his guard has; and before dismissing his guard, on being relieved by the new guard, will see that every man has all property he reported, and in case of loss will at once report it to the quartermaster-general. Reports of loss of property on guard mean inefficient guard officers. The guard quarters will be kept clean by the guard each day.

XIV. Brigade commanders will make such rules as to passes for citizens as they may deem best for the interests of the service, and stringent orders will be given forbidding teams to cross the parade ground.

Passes for enlisted men to leave camp will not be given except in urgent cases, and all enlisted men found outside of camp without authority will be arrested and at once court-martialed.

Returns of absentees, with recommendations for action, will be forwarded on the last day of camp to the adjutant-general. Captains of companies will see that no man is recommended for discharge who has not been properly notified of the tour of duty.

The attention of officers is called to clauses 4, 5, 6 and 7, paragraph 1, General Orders No. 3, A. G. O., dated Jan. 31, 1888. This order is still in operation, from which there will be no departure, and all officers will govern themselves accordingly.

XV. Col. William L. Chase, acting inspector general, will forward to this office application for details of inspecting officers for duty at the several camps, and will state whether such detail will provide their horses. Each inspecting officer will, at the completion of a tour of duty for which he is assigned, forward through the acting inspector general a return for pay, mileage and horse.

XVI. Brigade, cadet, corps and naval brigade commanders are charged with the promulgation of this order.

By order of the Commander-in-Chief,

SAMUEL DALTON,

*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, April 13, 1893.

#### GENERAL ORDERS, No. 7.

I. The following is the amended bill of dress for the Massachusetts Volunteer Militia. All commanding officers will be held responsible for a strict compliance with the same, and they, with the inspecting officers, will report at once any deviation from this order.

#### COATS.

##### *Full Dress for Officers.*

A double-breasted frock coat of dark-blue cloth, the skirt to extend from one-half to three-fourths the distance from the hip-joint to the bend of the knee.

*For a Major General.* — Two rows of buttons on the breast, nine in each row, placed by threes; the distance between each row five and one-half inches at top, and three and one-half inches at bottom; stand-up collar, not less than one nor more than two inches in height, to hook in front at the bottom and slope thence up and backward at an angle of thirty degrees on each side, cor-

ners rounded; cuffs three inches deep, to go round the sleeves parallel with the lower edge, and with three small buttons at the under seam; pockets in the folds of the skirts, with two buttons at the hip and one at the lower end of each side-edge, making four buttons on the back and skirt of the coat; collar and cuffs to be of dark-blue velvet.

*For a Brigadier General.* — The same as for a major general, except that there will be eight buttons in each row on the breast, placed by pairs.

*For a Colonel, Lieutenant Colonel and Major.* — The same as for a major general, except that there will be nine buttons in each row on the breast, placed at equal distances; collar and cuffs of the same color and material as the coat.

*For a Captain, First Lieutenant and Second Lieutenant.* — The same as for a colonel, except that there will be seven buttons in each row on the breast.

*For Chaplains.* — Plain black frock coat with standing collar: one row of nine black buttons in front on breast, with "herring-bone" of black braid, one-half inch wide, around the buttons and button-holes.

#### VESTS.

When not on duty, officers may wear a buff, white or blue vest.

#### UNDRESS FOR ALL OFFICERS.

*For Marches, Fatigue Duty and Ordinary Wear.* — A sack coat of dark-blue cloth or serge, single-breasted; standing collar fastened with hook and eye; coat to close with a flap containing five concealed black buttons and button-holes; the skirt to extend from one-third to two-thirds the distance from the hip-joint to the bend of the knee, according to height of wearer; to be cut to fit the figure easily; back in a single piece with curved side seams; a vertical opening in each side at the hip, according to pattern; the sword-belt to be worn underneath the coat, the sword-hook emerging through the opening in the left side; the shoulder-strap to be worn; the insignia of the corps or the number of the regiment on each side of the collar, according to pattern.

*Trimnings.* — Of lustrous black mohair flat braid, as follows: to be edged all around the bottom, the front edges, the collar, and for six inches upward from the bottom, along both side openings of the skirt, with braid one and three-eighths inches wide. On each side of the breast five double rows of three-eighths-inch braid, with crow's feet at the outer ends; the crow's feet of the top rows extending nearly to the sleeve seams, the lowest crow's feet to be

about six inches apart, according to measure of waist. On each sleeve, an Austrian knot of three-eighths-inch braid, according to pattern, extending about nine inches upward from the bottom of the cuff; along each back seam a double row of three-eighths-inch braid ending with crow's feet at top and bottom. At discretion of wearer there may be two or four small outside pockets on the breast, the openings to be concealed by the braid.

*Numbers and Insignia for Officers' Undress Coats.*—The numbers to be embroidered in silver bullion, and the insignia in gold or silver bullion, according to the insignia of corps on shoulder-knots of dress coat, conforming to patterns in the office of the quartermaster general; to be three-fourths of an inch in height and of proportionate width. They will be placed on each side of the coat collar, one and one-half inches from the edge and one-eighth of an inch from the top of the collar, making the distance between the insignia or numbers three inches in the clear. Numbers to be blocked-shaped.

Officers will be required to provide themselves with the undress coat by Sept. 1, 1893, but may commence to wear it as soon as convenient.

#### COAT FOR ENLISTED MEN.

*For Infantry.*—Single-breasted dark-blue frock coat, according to the pattern in the office of the adjutant general.

*For Cavalry and Artillery.*—Same as for infantry, except that pipings and facings are of yellow for cavalry and of red for artillery.

*For Signal Corps.*—Same as for infantry; facings to be orange.

*For Ambulance Corps.*—Same as for infantry; facings to be olive-green.

#### UNDRESS FOR ENLISTED MEN.

*For Fatigue Purposes and for General Wear.*—A dark-blue blouse, same as issued by the quartermaster general's department of the United States Army.

#### BUTTONS.

As per pattern in the office of the adjutant general.

*For General Officers and Officers of the Governor's and Brigade Staffs.*—The staff button.

*For all other Officers, except Chaplains.*—The line officer's button.

*For Chaplains.*—Plain black serge button.

*For all Enlisted Men.*—The special button for enlisted men, except the blouse button, which shall be the United States button.

## TROUSERS.

*For General Officers and Officers of the Governor's and Brigade Staffs.* — Dark-blue cloth, plain, without stripe, welt or cord.

*For all Regimental Officers of Cavalry, Artillery, Infantry, Signal and Ambulance Corps.* — Light-blue cloth, same shade of color as trousers of enlisted men, with stripe one and one-half inches wide, welted at the edges; color, that of facings of their respective arms, except infantry, which will be dark-blue.

*For Chaplains.* — Plain black, with black cord on outer seams.

*For all Enlisted Men.* — Sky-blue; color and style as per pattern in the office of the adjutant general.

Non-commissioned staff officers and sergeants to wear a stripe one inch wide; corporals, one-half inch wide; musicians, two stripes, one-half inch wide and one-fourth of an inch apart; color to conform to arm of service.

## LEGGINGS.

All enlisted men of infantry, signal and ambulance corps shall wear the canvas leggings, as per pattern in the adjutant general's office.

## CRAVATS.

*For all Officers and Enlisted Men.* — Black or white, as may be prescribed by regimental commanders; the tie not to be visible at the opening of the dress coat.

## BOOTS AND SHOES.

*For all Officers and Enlisted Men.* — Black, the stocking not to be visible.

## HAT OR CAP (FULL DRESS).

*For General Officers and Officers of the Governor's and Brigade Staffs.* — Chapeau according to pattern, with staff buttons; to be worn with the peak slightly to the left, showing the gilt ornament upon the right side.

*For Field and Staff Officers, Officers of Artillery and Cavalry, Signal and Ambulance Corps.* — Black felt helmet, cloth-covered, with gold cord and tassels and gilt trimmings, according to pattern. Officers, when on duty, may wear the spike without cord.

*For Chaplains.* — Black chapeau without plume, ornament of black silk, with the number of the regiment above the arms of the State, embroidered in silver, on the right side.

*For all other Officers.* — Black felt, cloth-covered helmet, without plume, with metal ornaments, as per pattern.

*For Enlisted Men of Artillery and Cavalry.* — Black felt, cloth-covered helmet, same pattern as for officers, with cords and tassels of mohair, red for artillery and yellow for cavalry. Helmet ornamented with yellow metal trimmings, as per pattern.

The helmet cords will be attached to the left side of the helmet and come down to the left shoulder, where they are held together by a slide; one cord then passes to the front, the other to the rear of the neck, crossing upon the right shoulder and passing separately around the front and rear of the right arm, where they are again united and held together by a slide under the arm; the united cords then cross the breast and are looped up to the upper button on the left side of the coat.

For all other enlisted men, same as for enlisted men of artillery and cavalry, except cord and tassels, but spike will be worn in place of plume. All dress hats to be of regular army pattern.

White cork canvas helmets, with chin strap and number of organization, may be worn under orders of the Commander-in-Chief.

#### FORAGE CAP.

*For General Officers.* — Of dark-blue cloth, straight visor, chasseur pattern; to have black velvet band and badge in front.

*For all other Commissioned Officers.* — Same as for general officers, but without the black velvet band and having the badge in front, the top to be even with top of cap.

*For Chaplains.* — Black felt army hat, with black cord.

*For all Enlisted Men.* — Of plain blue cloth, with straight visor, chasseur pattern, and with cap device in front, as per pattern in the office of the adjutant general.

*For Officers of Artillery.* — Two gold embroidered cannon crossed, on dark-blue cloth ground, with the number of the regiment in silver at the intersection of the crossed cannon.

*For Officers of Infantry.* — Two gold embroidered rifles crossed, without bayonets, barrel upward, on dark-blue cloth ground, with the number of the regiment in silver in the upper angle.

*For Officers of Signal Corps.* — A gold embroidered wreath on dark-blue ground, with crossed flags and torch in centre.

*For Officers of Ambulance Corps.* — A gold embroidered wreath, with Geneva cross in centre.

All caps and cap ornaments of officers to be of regular army pattern and shape.

Officers and men who have seen service in war may wear corps badges of cloth on top of cap.

## PLUMES FOR OFFICERS.

*For Field and Staff Officers of Battalions and Officers of Cavalry, Artillery, Signal and Ambulance Corps.* — Horse-hair plume, gilt ball and socket; plume to be long enough to reach the front edge of visor of helmet; color of plume to be white for infantry, red for artillery, yellow for cavalry, orange for signal corps and olive-green for ambulance corps.

## PLUMES FOR ENLISTED MEN.

*For Artillery and Cavalry.* — Horse-hair plume, same size and length as for officers; red for artillery, yellow for cavalry; socket according to pattern.

## SPURS.

*For all Mounted Officers.* — Yellow metal or gilt.

*For all Mounted Men.* — Of yellow metal, plain surface.

## GLOVES.

*For General Officers and Officers of the Governor's and Brigade Staffs.* — Buff gauntlets, on duty with troops; white, otherwise.

*For Field and Staff Officers of Artillery, Cavalry and Infantry, and for Officers of Artillery and Cavalry, Signal and Ambulance Corps.* — White gauntlets, on duty with troops.

All other officers, white gloves.

## SASH.

*For General Officers.* — Buff silk net, with silk bullion fringe ends; sash to go twice around the waist and to tie behind the left hip; pendent part not to extend more than eighteen inches below the tie. Officers above the grade of brigadier general may, at their option, wear the sash across the body from the left shoulder to the right side.

## SWORD-BELT.

*For all Officers.* — A waist-belt, not more than two inches wide, with slings of the same material as the belt, with a hook attached to the belt on which to hang the sword. The belt to be worn outside the full dress coat, inside the undress sack coat and underneath overcoat by all officers. A light webbing belt may be worn with undress coat.

*For General Officers.* — Of red russia leather, with three stripes of gold embroidery, as per pattern now worn.

*For all Field Officers.* — One broad stripe of gold lace on black enamelled leather, according to pattern.

*For Company Officers of Cavalry, Artillery, Infantry, Signal and Ambulance Corps.*—Four stripes of gold lace, interwoven with silk of the same color as the facings of their arms of service, and lined with black enamelled leather.

On undress duty, marches and campaigns, officers may wear a plain black leather belt when all the officers of a battalion or unattached command are equipped with the same.

*For all Non-commissioned Officers.*—Plain black leather, same as pattern in office of adjutant general. No other will be worn.

#### SWORD-BELT PLATE.

*For all Officers.*—Gilt, rectangular, two inches wide, with a raised bright rim; a silver wreath of laurel encircling the arms of the United States; eagle, shield, scroll, edge of cloud and rays bright; the motto: “E pluribus unum” upon the scroll; stars also of silver, according to pattern. For enlisted men, as issued by the State.

#### SWORD AND SCABBARD.

*For General Officers.*—Straight sword, gilt hilt, silver grip, nickel and bronzed scabbards; for a major general, to have two gilt stars, for a brigadier general, one gilt star, between the bands.

*For all other Officers except Chaplains.*—The same as for general officers, except that the grip will be black, bound with gilt wire, and omitting the stars on the scabbard.

*Chaplains wear no swords.*

Bronzed scabbard will always be worn with black belt.

*For Non-commissioned Staff Officers.*—Small straight sword, gilt bow hilt, black grip, bronzed scabbard, like pattern in the office of the adjutant general. To be carried in a sword frog by non-commissioned staff officers of infantry.

The sword will be worn upon all occasions of duty except stable and fatigue.

When not on military duty, officers may wear swords of honor.

Field and staff officers may wear the new pattern of field officers' swords adopted by the War Department when all procure them. Officers of the artillery and cavalry may wear the regulation sword for their arm when all officers procure them.

#### SWORD-KNOT.

*For General Officers.*—Gold cord, with acorn end.

*For all other Officers.*—Gold lace strap, with gold bullion tassel, as now worn. Officers when wearing a black belt may wear a sword-knot of russet or white leather.

## EPAULETTES.

*For a Major General.* — Of gold, with solid crescent; device, two silver embroidered stars, with five rays each, one and one-half inches and one and one-quarter inches in diameter, placed longitudinally; the smaller in the centre of the strap.

*For a Brigadier General.* — Same as for a major general, omitting the smaller star.

## SHOULDER-KNOTS.

*For Officers of the Governor's and Brigade Staffs.* — Gold cord, Russian pattern, on dark-blue ground; insignia of rank and letters or device of corps embroidered on the cloth ground; an aiguillette of gold cord to be worn with the right shoulder-knot by adjutant general and assistant adjutants general, assistant inspectors general and aides-de-camp.

*For Officers of Cavalry, Artillery, Infantry, Signal and Ambulance Corps.* — Of the same pattern as above, but on cloth of the same color as the facings of their arm, with insignia of rank and number of regiment embroidered on the cloth ground, according to pattern.

*For Regimental Adjutants.* — Of the same pattern as for other officers of their arm, but with aiguillettes attached.

## INSIGNIA OF RANK ON SHOULDER-KNOTS.

*For a Colonel.* — A silver embroidered eagle at the centre of the pad.

*For a Lieutenant Colonel.* — Two silver embroidered leaves, one at each end of pad.

*For a Major.* — Two gold embroidered leaves, one at each end of pad.

*For a Captain.* — Two silver embroidered bars at each end of pad.

*For a First Lieutenant.* — One silver embroidered bar at each end of pad.

*For a Second Lieutenant.* — Plain.

The above insignia to be the same as prescribed for the shoulder-straps.

## SHOULDER-STRAPS.

*For a Major General.* — Dark-blue cloth, one and three-eighths inches wide by four inches long, bordered with an embroidery of gold one-fourth of an inch wide; two silver embroidered stars of five rays each.

*For a Brigadier General.* — The same as for a major general, except that there will be one star instead of two; the centre of the star to be equidistant from the outer edge of the embroidery on the ends of the strap.

*For a Colonel.* — The same size as for a major general, and bordered in a like manner with an embroidery of gold; a silver embroidered spread eagle on the centre of the strap, two inches between the tips of the wings, having in the right talon an olive branch and in the left a bundle of arrows; an escutcheon on the breast, as represented in the arms of the United States. Cloth of the strap as follows: for the Governor's and brigade staffs, dark-blue; artillery, scarlet; infantry, sky-blue; cavalry, yellow.

*For a Lieutenant Colonel.* — The same as for a colonel, according to corps, omitting the eagle, and introducing a silver embroidered leaf at each end, each leaf extending seven-eighths of an inch from the end border of the strap.

*For a Major.* — The same as for a colonel, according to corps, omitting the eagle, and introducing a gold embroidered leaf at each end, each leaf extending seven-eighths of an inch from the end border of the strap.

*For a Captain.* — The same as for a colonel, according to corps, omitting the eagle, and introducing at each end two silver embroidered bars of the same width as the border, placed parallel to the ends of the strap, at a distance between them and from the border equal to the width of the border.

*For a First Lieutenant.* — The same as for a colonel, according to corps, omitting the eagle, and introducing at each end one silver embroidered bar of the same width as the border, placed parallel to the ends of the strap, at a distance between them and from the border equal to the width of the border.

*For a Second Lieutenant.* — The same as for a colonel, according to corps, omitting the eagle.

*For a Chaplain.* — Same as for a colonel, omitting the eagle, and introducing a shepherd's crook of frosted silver on centre of the strap, which will be of black velvet.

Officers of the ambulance corps will wear in centre of strap the cross of their arm in red.

Veterinary surgeons as now prescribed.

#### CHEVRONS.

The rank of non-commissioned officers will be marked by chevrons of gold lace upon both sleeves of the uniform dress coat, on fatigue coat above the elbow, and upon overcoats below the elbow, of cloth of the color of the facings, divided into bars a half inch

wide, points down, according to patterns in the office of the adjutant general, as follows : —

Non-commissioned staff officers of brigades as now worn.

*For a Sergeant Major.* — Three bars and an arc of three bars.

*For a Quartermaster Sergeant.* — Three bars and a tie of three bars.

*For a Drum Major.* — Three bars and crossed batons.

*For Chief Buglers.* — Three bars and bugle, regulation size.

*For a Paymaster Sergeant.* — Three bars with crossed quill pens.

*For Company Buglers.* — Bugle in cloth, color of facing, on both dress and fatigue coats.

*For a Color Sergeant.* — Two crossed flags above the bars of chevron.

*For a Hospital Steward.* — A half chevron of emerald-green cloth, one and three-quarters inches wide, piped with yellow cloth, running obliquely downward from the outer to the inner seam of the sleeve, and at an angle of about thirty degrees, and in the centre a “caduceus” two inches long, the head toward the outer seam of the sleeve.

When the present crossed flags and caduceus worn by color sergeants and hospital stewards are worn out, the following will be issued in place of same : —

*For Hospital Stewards.* — Three bars and an arc of one bar of emerald-green cloth enclosing a red cross.

*For Color Sergeants.* — A sphere above the bars of chevron.

*For a First Sergeant.* — Three bars and a lozenge.

*For Company Quartermaster Sergeant.* — Three bars and a tie of one bar.

*For a Sergeant.* — Three bars.

*For a Corporal.* — Two bars.

Enlisted men of signal corps will wear crossed flags, and of ambulance corps, the Geneva cross, of cloth, on each arm.

*To indicate Service.* — All non-commissioned officers, musicians and privates who have served faithfully for five years will wear as a mark of distinction upon both sleeves of the uniform coat, below the elbow, a diagonal half chevron, one-half inch wide, extending from seam to seam, the front end nearest the cuff, and one-half inch above the point of the cuff, to be of the same color as the facing of the coat.

In like manner, an additional half chevron, above and parallel to the first, for every subsequent term of five years' faithful service; distance between each chevron one-fourth of an inch.

Service in war will be indicated by a white stripe on each side

of the chevron for artillery, and a red stripe for all other corps, the stripe to be one-eighth of an inch wide.

#### OVERCOAT.

*For Officers* — Regular army pattern, as prescribed for general officers, when all officers of any headquarters or all line officers in an organization provide themselves with the same, otherwise they will wear as follows: color, sky-blue; same in every respect as now worn by enlisted men, except that the cape shall be made detachable; seven buttons, officer's pattern, double row, on front; rank designated upon sleeve by braid, and slit on left side to admit the handle of sword. Overcoat to be worn without cape, except in inclement weather. All mounted officers may wear a dark-blue cape when mounted in inclement weather.

*For Enlisted Men of all Arms.* — Of sky-blue cloth, of the pattern now used.

*To indicate Rank of General Officers.* — There will be on both sleeves, near the lower edge, a knot of black silk braid, not exceeding one-eighth of an inch in width, and composed of five braids, double knot.

*Colonel*, five braids, single knot.

*Lieutenant Colonel*, four braids, single knot.

*Major*, three braids, single knot.

*Captain*, two braids, single knot.

*First Lieutenant*, one braid, single knot.

*Second Lieutenant and Chaplains*, without braid.

#### HORSE FURNITURE.

##### *For Officers.*

*Saddle-cloth for General Officers.* — Dark-blue cloth, trimmed with two rows of gold lace, the outer row one and five eighths inches wide, the inner row two and one-fourth inches; and to bear on each flank corner the following ornament, distinctive of rank, to wit: —

*For Major Generals.* — A gold embroidered spread eagle and two stars.

*For Brigadier Generals.* — A gold embroidered spread eagle and one star.

*Saddle-cloth for Officers of the Governor's and Brigade Staffs.* — Dark-blue cloth, of sufficient length to cover the saddle and holster, and one foot ten inches in depth, with an edging of gold lace one inch wide.

*Infantry*, sky-blue.

*Artillery*, red.

*Cavalry*, yellow.

*Signal Corps*, orange.

*Ambulance Corps*, olive-green.

#### MISCELLANEOUS.

Whenever the full dress coat is worn on armed duty by officers below the rank of brigadier general, the shoulder-knots and gilt sword-belts will be worn ; when not on armed duty, the shoulder-strap may be worn by all officers.

Letters and devices to be embroidered on shoulder-knots in silver letters in old English characters : —

*For Adjutant General and Assistant Adjutants General*, a shield embroidered in silver.

*For Inspector General of Rifle Practice and Assistants*, I. R. P.

*For Assistant Inspector Generals*, I. D.

*For Judge Advocate General and Judge Advocates*, crossed sword and pen wreathed, embroidered in gold.

*For Assistant Quartermasters General and Brigade Quartermasters*, Q. D.

*For Medical Officers*, shield embroidered in gold.

*For Paymasters*, P. D.

*For Engineer Officers*, a turreted castle.

*For Veterinary Surgeon*, V. S.

*For Regimental Staff Officers other than Medical Officers and Paymaster*, the number of the regiment.

Excepting by officers of the day (Regulations, Pars. 581 and 806), sashes will not be worn by officers below the grade of brigadier general or by non-commissioned officers.

#### BILL OF DRESS FOR NAVAL BRIGADE.

##### COATS.

On special occasions officers may wear an evening dress coat of dark-blue with three State-Arms buttons on each side and two at the back ; the usual insignia on the sleeves and a blue waist-coat cut low, with three small State buttons.

*Full Dress for Officers*. — A blouse of dark navy-blue cloth, shaped to the figure, to descend to top of inseam of trousers ; a slit over each hip, extending on the right side five inches from the bottom of the coat, and on the left side as high as the position of the lower edge of the sword-belt ; single-breasted, with a "fly" front fitted with plain, flat, black gutta-percha buttons and a standing collar. The collar, edges of the coat, side seams of the

back from the shoulder to the lower edge of the skirt, and edges of the hip slit to five inches from bottom of coat shall be trimmed with lustrous black mohair braid one and one-fourth inches wide, laid on flat, beside which, at a distance of one-eighth of an inch, with an overhand turn three-eighths of an inch in diameter at each change of direction, a narrow black silk braid one-eighth of an inch wide shall be placed. On each side of the collar shall be embroidered in high relief, one inch in width, the grade devices. The grade marks on the sleeve will be of gold lace.

In warm weather, a similar coat made of white serge, trimmed with white braid of the same description as on the blue coat. Sleeve ornaments and collar devices the same as on the blue coat. The coats always to be worn buttoned.

*For Petty Officers of Brigade Staff.* — A blue coat or white coat of the same character, with one-inch braid and without braid at the back.

*For Enlisted Men.* — Dark navy-blue cloth, shaped to the figure, to descend to the top of the inseam of the trousers, single breasted, with five small State buttons, and around the collar of the coat two stripes of white tape, three-sixteenths of an inch wide and three-sixteenths of an inch apart, the outer stripe to be one-fourth of an inch from the edge, the stripes to extend down the front to bottom of opening. In each corner of the collar there should be worked a white star three-fourths of an inch in diameter.

Around the cuffs of the coat, two stripes of white tape, three-sixteenths of an inch wide, one-fourth of an inch apart, the middle line of the space between the stripes to come over the middle of the cuff.

#### TROUSERS.

*For all Commissioned Officers.* — Dark navy-blue cloth, having a stripe of black mohair braid one and one-fourth inches wide down their outer seam, or white serge with a stripe of white mohair braid one and one-fourth inches wide down the outer seam.

*For all Enlisted Men.* — Dark-blue cloth or white duck.

#### WORKING DRESS — ENLISTED MEN.

Suit of unbleached cotton cloth, the same as now issued to the United States Navy, and, in addition, a white jersey, as per pattern in adjutant general's office.

#### OVERCOATS.

*For all Commissioned Officers.* — Same as now prescribed by United States Navy Regulations.

*For all Enlisted Men.* — Heavy dark navy-blue cloth, lined with dark-blue flannel, the bottom of the skirt to reach the tips of the fingers, arm hanging by the side in its natural position, double-breasted, made to button at the neck, with rolling collar same material as the coat and broad enough to protect the ears when turned up. Five large-sized State buttons on each front, the lower buttons to be placed on a line with the opening of the horizontal pocket, the others to be equally spaced up to the throat. An outside pocket in each breast, the openings to be up and down and the lower part of the opening to be level with the elbow.

A horizontal pocket, with flap cover, shall be placed in each front below the line of the waist. Overcoat to be worn completely buttoned; buttons same as now prescribed for the militia.

#### CRAVAT.

To be of black silk, one inch in width.

#### GLOVES.

To be white and to be worn by commissioned officers always when in uniform.

#### SWORD, SWORD-BELT AND SWORD-KNOT.

*For all Officers.* — The same as prescribed for use in the United States Navy. The sword-belt to be worn under the coat. In heavy marching order, the officers will wear a web belt, sword and revolver, the belt in this case being outside the coat.

*For Petty Officers of Brigade and Battalion Staffs.* — Same as for non-commissioned staff of infantry.

#### LEGGINGS.

To be of brown canvas, navy regulation pattern.

#### CAP (FULL DRESS).

The cap for all officers shall be of dark navy-blue cloth, the diameter at the top to be slightly more than at the base, the quarters not less than one and one-fourth nor more than one and one-half inches high, and of same height in front and at the back. The seam around the top shall be made without a welt, and neatly stitched on each side. The band shall be one and one-half inches wide, with a welt one-eighth of an inch in diameter at the top and bottom. The bottom welt shall be one-eighth of an inch from the base of the cap. A band of lustrous black mohair braid, similar to that used for the trimmings of the service coat, shall be worn

between upper and lower welts. The visor shall be moulded to shape, and covered with the same cloth as used for the cap. The visor shall slope downward not less than sixty degrees from the horizontal. The inside band shall be of leather and shall extend from the base of the cap to within one inch of the top. The sweat lining shall be of morocco. Four black metal eyelets, two on each side, shall be placed above the band in the quarters for ventilation. A small-sized State button shall be placed on each side beyond the ends of the visor, the eye of the button immediately above the lower welt. A strap of mohair cord doubled with two sliding knots. In hot weather, a white serge cap may be worn, with white braid and the same devices as on the blue. For petty officers of the brigade staff caps will be made of the same description as for officers.

*For all Enlisted Men.* — Dark navy-blue cloth of the same shape as for officers; band, lustrous black mohair; visor, leather, covered with cloth; chin strap of black patent leather one-half inch wide, fastened at the side with two gilt State buttons and provided with two leather slides. Two small eyelet ventilating holes in each side of the quarters.

#### HAT (CANVAS).

*For all Enlisted Men.* — Eight-ounce cotton duck, well shrunk before cutting and with no sweat leather. Hat ribbon of black silk, one and one-fourth inches wide, with the letters M. V. M. woven in gilt thread through the centre of the ribbon.

#### CAP ORNAMENTS.

*For all Commissioned Officers.* — The ornament shall be embroidered on dark-blue cloth in high relief, and attached to the cap with its centre over the upper welt. The device shall be a silver shield emblazoned with the arms and crest of the State of Massachusetts placed upon two crossed foul anchors embroidered in gold. Around the visor a strip of one-half inch gold lace shall be sewed flat. The lieutenant commanders will have, in addition, gold braid one-eighth inch wide sewed above the gold lace in small over-hand knots. The commander shall have around the visor oak leaves embroidered in silver, and the captain the same in gold.

*For Petty Officers of the Brigade Staff.* — The ornament will be embroidered crossed anchors surmounted by a button with the arms of the State.

*For all Enlisted Men.* — The ornament will be two crossed anchors of gilt metal surmounted by the letter of that company, the cross of the anchors to be placed at the top of the band.

## WATCH CAP.

To be of blue knitted wool, of the same pattern as prescribed for use in the United States Navy.

## INSIGNIA OF RANK ON COLLAR.

Collar devices shall be embroidered in high relief upon each side of the collar of the service coat. They shall be one inch in height, with other dimensions proportionate, and shall be placed vertically or horizontally with reference to the upper edge of the collar.

The rank device shall commence three-quarters of an inch from the front edge of the collar. The corps device shall be placed three-quarters of an inch in rear edge of the rank device.

When two bars are worn, the distance between them shall be the width of the bar. The bar shall always be placed at right angles to the upper edge of the collar.

The anchor shall be placed with the shank parallel to the upper edge of the collar and the crown to the front.

Devices shall be as follows:—

*For Captain.*—A silver embroidered spread eagle and a gold foul anchor.

*For Commander.*—A silver oak leaf and gold foul anchor.

*For Lieutenant Commanders.*—A gold oak leaf and gold foul anchor.

*For Lieutenants.*—Two gold bars and gold foul anchor.

*For Lieutenants (junior grade).*—One gold bar and gold foul anchor.

*For Ensign.*—Gold foul anchor.

Brigade and battalion adjutants, ordnance officer, equipment officer, signal officer and aids will wear on the right shoulder a shoulder-knot of two cords of black braid and an aiguillette of black braid terminated by gilt anchors.

## INSIGNIA OF RANK ON SLEEVE.

*For Captain.*—Four strips of one-half inch gold lace one-quarter of an inch apart.

*For Commander.*—Three strips of one-half inch gold lace one-quarter of an inch apart.

*For Lieutenant Commanders.*—Two strips of one-half inch gold lace with one strip one-fourth inch gold lace between each, one-quarter of an inch apart.

*For Lieutenants.*—Two strips of one-half inch gold lace one-quarter of an inch apart.

*For Lieutenants (junior grade).* — One strip of one-half inch gold lace with one strip of one-fourth inch gold lace one-quarter of an inch above it.

*For Ensigns.* — One strip of one-half inch gold lace.

The lower edge of the lace in each case shall be two inches above the edge of the sleeve.

The surgeon and assistant surgeons will wear dark maroon velvet between the strips of gold lace; the paymaster white, and the engineer officer red.

All officers will wear a star of five rays embroidered in gold, one inch in diameter, on the outer side of each sleeve and midway between the seams, with one of the rays pointing directly downwards, and the point one-fourth of an inch from the upper edge of the upper strip of lace.

#### CHEVRONS AND INSIGNIA OF PETTY OFFICERS.

*For Petty Officers of the Brigade Staff.* — All chevrons to be made of gold lace, of the same size as now issued by the Navy Department, and the rating badge to be embroidered in silver. All chevrons shall be worn on each sleeve of the uniform coat.

*Master-at-Arms.* — Three bars and arch of three bars with eagle and star.

*All other Petty Officers of Brigade Staff.* — Three bars and arch of one bar with eagle and crossed anchors.

*For Petty Officers of Battalion Staffs.* — All chevrons shall be made of red cloth, same size as now issued by the Navy Department, the rating badge over chevron to be worked in white silk, and to be of three bars with eagle and crossed anchors over a lozenge of red cloth.

For all other petty officers: —

*First Boatswain's Mate.* — Three bars with eagle and crossed anchors over lozenge.

*For all other Boatswain's Mates and Gunner's Mates.* — Three bars with eagle and crossed anchors.

*Coxswains and Quartermasters.* — Two bars with eagle and crossed anchors.

#### BADGES OF SERVICE OR MERIT.

The badges of the Society of the Cincinnati, the Military Order of the Loyal Legion, the Grand Army of the Republic, and of armies or army corps, indicating actual service in the field, and the red cross badge may be worn upon the left breast of the dress coat. Officers and men of the Massachusetts Volunteer Militia who are members by inheritance of the societies of the Sons of the

Revolution, the Sons of the American Revolution, the Society of the War of 1812, and the Mexican War, are entitled to wear on the uniform dress coat, on occasions of ceremony, the distinctive badges adopted by such societies, as authorized by act of Congress, Sept. 25, 1890. Ribbons without clasps, or with single clasps, will not exceed one inch in length; for additional clasps the ribbon may be correspondingly lengthened, not, however, to show more than one inch below the lower clasp or insignia attached to the clasp. In like manner, medals or badges won in authorized military target matches, or in authorized matches for excellence in drill, may be worn on the dress coat.

No medal, badge, ribbon, flower or decoration other than these herein named will be worn. No target or drill match will be considered as authorized unless sanctioned by the orders of a company commander or superior authority.

On the undress coat the ribbon only, indicating a medal or badge, should be worn, to be placed in the same relative position as upon the dress coat.

By order of the Commander-in-Chief,  
SAMUEL DALTON,  
*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, May 26, 1893.

#### GENERAL ORDERS, No. 8.

I. The following is published for the information of the militia: —

EXECUTIVE DEPARTMENT, BOSTON, May 25, 1893.

Percy Parker of Lowell is hereby appointed assistant quartermaster general on the staff of the Commander-in-Chief.

WM. E. RUSSELL,  
*Governor and Commander-in-Chief.*

II. Colonel Percy Parker having been duly commissioned and qualified will be obeyed and respected accordingly.

III. Officers responsible for property are instructed to take up on property account sight covers, canteen and haversack cases, wiping rods and other State and United States property, which will be accounted for on their semi-annual returns. The recent inspection of property discloses property in some commands not properly accounted for.

IV. Brigade and cadet corps commanders are charged with the promulgation of this order.

By order of the Commander-in-Chief,  
SAMUEL DALTON,  
*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, May 31, 1893.

## CIRCULAR No. 1.

## TARGET SEASON, 1893.

*Walnut Hill, June, July, August, September, October.*

The following days are assigned the militia stationed in Boston: —

*Tuesdays.* — First Brigade Staff, First Regiment Infantry, First Battalion Naval Brigade, First Battalion Cavalry.

*Thursdays.* — Staff Commander-in-Chief, First Corps Cadets, Companies A and H, Fifth Regiment, Company L, Sixth Regiment Infantry, Company M, Eighth Regiment Infantry.

*Fridays.* — Second Brigade Staff, Ninth Regiment Infantry.

Headquarters may shoot on the days assigned their organizations. Any member of the militia stationed in the city of Boston may shoot whenever such practice does not interfere with that of the organization specially assigned to that day.

The inspector of rifle practice of the command to whom the targets may be assigned will have general supervision of the shooting for record, and, unless a brigade inspector or the inspector general be present, will be the executive and range officer.

When no inspector is on the range the senior officer present will be in charge.

Firing should be in fatigue uniform whenever practicable.

Attention is called to General Orders No. 3 and the conditions prescribed for the current target year.

If the rifle inspector cannot be present during practice of the organization for whose instruction and proficiency in shooting he is responsible, arrangements must be made to have present some officer or experienced non-commissioned officer from the command.

*No firing can be permitted without due supervision.*

While it is the duty of company commanders to encourage shooting, general orders lay down the procedure, and there must be preliminary instruction before the use of ball cartridge. The responsibility of violating this general order rests primarily upon the captain who allows an absolutely ignorant recruit to report at the range. Upon the officer in charge of firing rests a further responsibility, and any man found disqualified for practice cannot be permitted to fire. Recent accidents in practice, flagrant carelessness and irresponsibility on the range have brought discredit on the militia.

The Massachusetts Rifle Association advise: "The following conditions will be insisted upon: Every squad must be in charge of an officer or non-commissioned officer. Upon arrival at range, and before targets are opened, the officer or non-commissioned officer in charge will register, with such statement or particulars as the register calls for. The general rules of the Massachusetts Rifle Association to preserve order and decorum and prevent carelessness must be observed; and it is especially required that no liquor shall be brought upon the range. Any violation of rules or discreditable conduct will involve the debarment of others. Copies of rules and conditions will be supplied to squads at the range. The range will not be open to military squads on Wednesdays, Saturdays, or holidays."

Military shooting at Walnut Hill will begin June 20.

Attention is called to circulars Nos. 1 and 2, 1892, issued by this department, and copies of No. 2 required for recruits may be obtained by application to the quartermaster general.

By notifying Mr. W. T. Kendall, range keeper, Woburn, Mass., lunches will be furnished at reasonable charge.

Ammunition can be purchased of the range keeper, and special arrangements made for targets beyond those reserved for the organization firing on that day. Original ammunition (either 405 or 500) can be obtained of the United States Cartridge Company, Lowell, at \$18.50 a thousand rounds for the militia; the 405 grain bullets at \$6.75 a thousand. Orders will state that the ammunition is to be used by the militia. Bills will be made to the companies, to be promptly settled by them.

The proper expenditure of the ammunition issued and money allowance for ammunition to be expended for rifle practice should secure increased efficiency and more marksmen in the current target year.

It is recommended that whenever practicable the Frankfort ammunition, most excellent for long-range firing, be reserved for the work at the mid-range.

When an organization is on duty no provision will be made for targets at Walnut Hill.

A ticket for Walnut Hill will be set aside for each company firing over that range, and upon due notice will be forwarded commanding officers, or their inspector of rifle practice, or company commanders direct, as commanding officers may advise this office.

Inspectors of rifle practice will take due precaution to see that no ticket is lost, but kept where available for men desiring to shoot on days assigned them.

The department will apportion to each company and staff a pro-

rata allowance of the appropriation made by the city of Boston for transportation and target facilities. The balance will be apportioned in such way as may best improve the efficiency of the force.

On the days that targets are provided for an organization, expense is incurred whether men shoot or not. It rests with inspectors of rifle practice to confer with company commanders to see to it that men are present, and the advantages offered improved, and not thrown away.

Whenever company commanders have realized the importance of shooting and their responsibility in this very real duty of the soldier, the progress has been commendable. The most gratifying feature has been the fact that strong companies have maintained their standing, while every year some companies with indifferent records come to the front.

Although far from the city, Walnut Hill is an excellent range. Therefore officers in charge of firing must guard the expenditure of time as well as money. Rifle practice is the duty of a soldier, and should be conducted with soldierly good order and precision.

The department expects that the older shots will do all in their power to encourage recruits, and, so far as is consistent with their work, give such assistance in overcoming defects by friendly coaching as may be desired and is required.

WILLIAM L. CHASE,

*Colonel and Inspector General Rifle Practice.*

OFFICIAL :

SAMUEL DALTON,

*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, June 1, 1893.

CIRCULAR No. 2.

The new army .38 caliber Colt revolver is authorized under Paragraph V., General Orders, No. 3, C. S.

Qualification as proficient will be recorded for two scores of twenty out of a possible thirty (six-shot strings), either at fifty yards on the two-hundred-yard rifle target, or at thirty yards on the one-hundred-yard rifle target.

In firing, every chamber of the revolver is to be charged, and the six shots discharged before the competitor leaves the firing point, and within one minute.

The full charge service ammunition, viz., powder charge 18 grains, weight of bullet 150 grains, is to be used.

Trigger pull of not less than six pounds.

The conditions noted in Paragraph III., General Orders, No. 3, C. S., govern scores for record.

WILLIAM L. CHASE,  
*Colonel and Inspector General Rifle Practice.*

OFFICIAL :

SAMUEL DALTON,  
*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, June 20, 1893.

GENERAL ORDERS, No. 9.

I. Before a general court-martial which convened at the encampment of the First Brigade, M. V. M., State camp ground, South Framingham, pursuant to Special Orders, No. 70, June 3, 1893, adjutant general's office, and of which Col. Thomas R. Mathews, First Regiment Infantry, M. V. M., is president and Capt. Henry S. Dewey, judge advocate, First Brigade, M. V. M., is judge advocate, was arraigned and tried Col. J. Albert Mills, Eighth Regiment Infantry, M. V. M.

*Charge I.* — Conduct unbecoming an officer and gentleman, and to the prejudice of good order and discipline.

*Specification 1.* — In this, that Col. J. Albert Mills, commanding Eighth Regiment Infantry, Second Brigade, M. V. M., being summoned the twenty-seventh day of May, 1893, to appear before the police court of the city of Newburyport, Mass., at ten o'clock in the forenoon of Monday, the 29th of May, to answer to a criminal charge of embezzlement of moneys, did fail to appear at said court and make his defence and is now a fugitive from justice.

This at Newburyport on the date above mentioned.

*Specification 2.* — In this, that Col. J. Albert Mills, commanding Eighth Regiment Infantry, Second Brigade, M. V. M., being an agent of the Victoria Mill of Newburyport and in the employ of said Victoria Mill, did embezzle funds of said Victoria Mill of great value, to wit, of the value of twenty-five dollars (\$25).

This at Newburyport on or about the twenty-sixth day of May, A.D. 1893.

*Specification 3.* — In this, that Col. J. Albert Mills, commanding Eighth Regiment Infantry, Second Brigade, M. V. M., being an agent of the Victoria Mill of Newburyport and in the employ of said Victoria Mill, was publicly accused of the crime of embezzlement from said Victoria Mill, to wit, by one Daniel H. Kane, and did not deny the truth of said accusation, but admitted said accusation to be true.

This at Newburyport on or about the twenty-sixth day of May, A.D. 1893.

To which charge and specifications the accused Col. J. Albert Mills not appearing in person or by counsel, the judge advocate entered the plea of "not guilty."

*Finding.*—And the court, having maturely considered the evidence adduced, finds the accused, Col. J. Albert Mills, Eighth Regiment Infantry, Second Brigade, M. V. M., as follows:—

*Charge I.*—On the first specification, "guilty;" on the second specification, "guilty;" on the third specification, "guilty;" on the charge, "guilty."

And the court does therefore sentence him, Col. J. Albert Mills, Eighth Regiment Infantry, Second Brigade, M. V. M., to be dismissed from the service.

II. The record of proceedings of the general court-martial in the foregoing case of Col. J. Albert Mills, Eighth Regiment Infantry, Second Brigade, M. V. M., having been submitted to the Commander-in-Chief, the following are his orders endorsed thereon:—

EXECUTIVE CHAMBER, BOSTON, June 20, 1893.

The proceedings, findings and sentence in the foregoing case of Col. J. Albert Mills, Eighth Regiment Infantry, Second Brigade, M. V. M., are approved, and the sentence of the court will be carried into effect.

WM. E. RUSSELL,

*Governor and Commander-in-Chief.*

III. Col. J. Albert Mills, Eighth Regiment Infantry, Second Brigade, M. V. M., is hereby dismissed the military service of the Commonwealth.

IV. The general court-martial, of which Col. Thomas R. Mathews, First Regiment Infantry, M. V. M., is president and Capt. Henry S. Dewey, judge advocate, First Brigade, is judge advocate, is hereby dissolved.

By order of the Commander-in-Chief,

SAMUEL DALTON,

*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, June 28, 1893.

GENERAL ORDERS, No. 10.

I. The following is published for the information of the militia:—

EXECUTIVE DEPARTMENT, BOSTON, June 27, 1893.

After a full and impartial hearing before the judge advocate general on charges preferred by Col. William A. Bancroft, commanding Fifth

Regiment of Infantry, Second Brigade, M. V. M., against Capt. Richard W. Sutton of Company B of his command, and upon consideration of the report of the judge advocate general thereon, it is ordered that Capt. Richard W. Sutton be discharged.

(Signed)

WILLIAM E. RUSSELL,  
*Governor and Commander-in-Chief.*

II. Captain Richard W. Sutton, Company B, Fifth Regiment Infantry, is hereby discharged.

By order of the Commander-in-Chief,  
SAMUEL DALTON,  
*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Aug. 24, 1893.

GENERAL ORDERS, No. 11.

I. Annual drills required by law will take place as follows :—

First Regiment of Infantry at Taunton, October 9.  
Second Regiment of Infantry at Northampton, October 7.\*  
Fifth Regiment of Infantry at Braintree, September 27.†  
Sixth Regiment of Infantry at Fitchburg, October 4.‡  
Ninth Regiment of Infantry at Boston, October 5.  
Battery A, Second Brigade, at Boston, September 25.  
Signal Corps, First Brigade, at Boston, October 5.  
Signal Corps, Second Brigade, at Malden, October 4.

II. Commanding officers of regiments, battalions and unattached companies will order their commands to assemble at 10 o'clock A.M. at the places and on the dates designated in paragraph I.

They will designate uniform to be worn, but all ceremonies will be performed in full dress. Heavy marching order is optional with commanding officers.

If commanding officers desire, assembly may be ordered at the same hour outside of the city or town limits designated.

The day will be devoted to extended-order drill and street firing.

III. The surgeon general will arrange dates and places for annual drills of the Ambulance Corps, and will through this office order such medical equipment, including the ambulance, as he may deem proper for use of the corps at drill.§

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\* Date changed to September 21 by Special Orders 103, C. S.

† Date changed to September 28 by Special Orders 106, C. S.

‡ Date changed to October 11 by Special Orders 112, C. S.

§ Ambulance Corps, 1st and 2d Brigade, October 4, Special Orders 111, C. S.

IV. Brigade commanders will detail mustering officers for unattached companies, Signal and Ambulance Corps, of their respective commands.

V. All mustering officers will forward with rolls a letter giving the route travelled of each command, also "list of absentees," and pay rolls will not be received without them; and no officer or man will be mustered for pay who does not perform the full day's duty. Mileage will be allowed by shortest and most direct route to destination and return to stations.

VI. Infantry regiments will be allowed 7,000 rounds of blank ammunition, which will be forwarded on receipt of requisition from regimental headquarters.

VII. All commanding officers will at once, on completion of tour of duty, forward a full report of same to State headquarters.

VIII. Col. William L. Chase, Acting Inspector General, will detail inspecting officers for the several commands.

IX. The superintendent of the State arsenal will arrange to forward horse equipments for use of battalion adjutants and inspecting officers.

X. Commissioned officers desiring to be retired will not resign, but make application for retirement on blanks furnished from this office.

XI. Brigade, Cadet Corps and Naval Brigade commanders are charged with the promulgation of this order.

By order of the Commander-in-Chief,

SAMUEL DALTON,

*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Sept. 1, 1893.

GENERAL ORDERS, No. 12.

I. Capt. Horace W. Wilson, Troop F, Cavalry, First Brigade, Massachusetts Volunteer Militia, having rendered ten years' continuous service as a commissioned officer in the militia of the Commonwealth, is retired, upon his own request, with the rank of captain, as provided in section 54, chapter 367, Acts of 1893.

II. The following-named enlisted men of the Massachusetts Volunteer Militia, having absented themselves from camp duty and annual drill of their commands for the current year, without leave or proper excuse, are hereby discharged for the best interests of the service: —

*First Regiment Infantry.* — Company C, Privates Barnard F. Owens, George H. Hodgkins, Jr., William J. West; Company D, Private Ralph Webber; Company L, Private Edward C. Moore.

*Second Regiment Infantry.*—Company H, Privates Fred D. Burnett, George N. Buckley, Charles J. Clark, William Johnson, Albert M. Newman; Company I, Private Edward E. Richards; Company K, Privates Henry S. Kempkes, William H. Ryan.

*Fifth Regiment Infantry.*—Company B, Privates John H. Dolan, Joseph Dyer, John G. McCann, Richard M. McFadden, Manuel Roman, Lewis J. Hewit; Company E, Private Clifford W. Jackson; Company F, Privates Chester W. Fullerton, George A. Mansfield, Jr., Willard B. Whelpley; Company G, Private George H. Reynolds; Company H, Privates John C. Daley, Dennis W. Sullivan; Company K, Privates Willis F. Askew, Edwin B. Langley, Herbert F. Fahley; Company M, Private Benjamin A. Graves.

*Sixth Regiment Infantry.*—Company B, Private Winslow D. Conn; Company C, Privates John H. Armstrong, Charles H. Jacques, Ernest E. Jardine, Orra E. Underhill; Company D, Privates John Carey, Noah F. Newstub, Frank E. O'Brien; Company F, Private Herbert A. Emery; Company G, Privates Henry F. Aubrey, James T. Collins, Arthur B. Sargent; Company H, Private Roland E. Bemis; Company I, Private William J. Reed.

*Eighth Regiment Infantry.*—Company A, Privates John M. Chase, William Ryan, Otis Robbins; Company B, Privates Lester C. Ayer, James Dwyer, Herman C. Kincaid, James Maloney, William A. Mathews, George E. Millar, Fred W. Taylor, Herbert E. Walton; Company D, Private Sherburn T. Davis; Company K, Private Edward P. Flynn; Company L, Private John R. Scott.

*Ninth Regiment Infantry.*—Company A, Privates Patrick H. Brennan, John J. Parker; Company C, Privates Daniel Clifford, Patrick J. Dooley, John W. Fairbairn, Thomas J. Green, Robert B. Gillies, Harry Kathan, Thomas Lynch, Thomas C. Murphy, John Sullivan, Albert York; Company E, Private Timothy J. Mahoney; Company F, Privates John Taylor, William Barry, Michael P. Daley, Philip Farrelly, James H. Kenney, John W. White; Company G, Privates James J. Gilrain, Joseph A. F. Hogan; Company H, Private William T. Cameron; Company L, Privates Charles O. McCarthy, William L. Dudley, Fred C. Sweeney, Edward J. Walsh; Company M, Corporal Louis Laflamme; Privates Felix McPartlin, Thomas F. Casey, Joseph J. Doyle, James C. Keefe, John Maguire, Thomas W. Maguire, John J. McLaughlin, Patrick Neary, Thomas J. Nevins, Anson G. Thurston, John J. Tobin, William Warner.

*Second Corps Cadets.*—Privates William W. Mitchell, Edward N. Reed, Albert F. Smith, J. Lincoln Taylor, Martin L. Kirkeby, Arthur R. Pickering, George N. Shay.

*Naval Brigade.*—Company B, Seaman Harrison G. Bourne; Company E, Seaman George M. Bacon; Company G, Seaman David M. K. Swift.

*First Battalion Light Artillery.*—Battery B, Corporal Frank Gale; Privates Peter Burdette, George W. Flagg, Edward Harrington, Michael P. Maloney, Terence Sweeney; Battery C, Privates Nelson Butler, George H. Hatfield, John Hoffman, John Hulme, James H. Tomlinson, William L. Whitley.

*Battery A, Light Artillery.*—Privates Edward C. Daley, John P. Dolphin, Joseph P. Foley, Louis H. Jacobs, Charles P. Maguire, John F. McGill, George P. Reynolds.

*Troop F, Cavalry.*—Private Percy L. Robinson.

III. The following-named enlisted men have been discharged, for the best interests of the service, for neglect of duty, and the "no objection to re-enlistment" clause erased from their discharge certificate:—

*First Regiment Infantry.*—Company G, Private Edward F. Williams.

*Second Regiment Infantry.*—Company K, Private George E. Whitenect.

By order of the Commander-in-Chief,

SAMUEL DALTON,

*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Sept. 9, 1893.

GENERAL ORDERS, No. 13.

I. The State matches will take place at the range of the Massachusetts Rifle Association, Walnut Hill, Woburn, subject to the provisions of General Orders No. 3, with such modifications as have been found necessary or expedient, as herein stated.

The matches will be in charge of Col. Wm. L. Chase, Inspector General of Rifle Practice, who will act as executive and range officer, arrange details, and be responsible for their proper execution.

All communications respecting these matches should be addressed to the Inspector General of Rifle Practice, 233 State Street, Boston.

Regimental inspectors will assure themselves that only reliable shots are on the teams submitted to commanding officers for their approval.

Brigade and regimental inspectors are detailed to report to the Inspector General of Rifle Practice for such duty as may be assigned them.

Maj. F. H. Briggs, 1st Brigade Staff, Lieut. W. B. Clarke, 1st Corps Cadets, and Lieut. E. P. Dodd, Naval Brigade, are detailed to take charge of the statistical department.

Lieut. A. C. Warren, 5th Regiment Infantry, is detailed as mustering officer, and will report to this office for instructions.

Assistant Surgeon H. S. Dearing, 1st Regiment Infantry, is detailed as surgeon.

The foregoing details are for both matches.

Train leaves southern division Boston & Maine Railroad, Causeway Street, at 8.10 A.M., with special car, on the days of the competition.

II. The general State competition will be held Monday, Oct. 2, 1893, at 9.15 A.M.

Each regimental and battalion commander will detail one commissioned officer and one non-commissioned officer to report to the Inspector General of Rifle Practice for such duty as may be assigned them.

Any officer or man under detail, or present on the range, becomes eligible to replace a vacancy in the team of the organization to which he belongs, subject to approval of the Inspector General of Rifle Practice or officer in charge of the competition.

Details should be made with care, and of men interested in shooting; if a fair shot be sent he becomes a tentative substitute, available on emergency.

Entries of teams and individuals must be made to the Inspector General of Rifle Practice on or before September 27. All entries will state the highest class in which qualification has been made by each competitor.

No one will be eligible for the State competition who has not made at least the qualifying scores of first-class marksmen the current target year.

The competition will comprise firing at two hundred and five hundred yards. Seven shots at each range; one sighting shot at five hundred yards. Minimum trigger pull, six pounds, to be tested before or during the competition.

All competitors (except distinguished marksmen) will compete for individual trophies. Medals will be awarded:—

For the five highest aggregate scores, by sharpshooters of record.

For the three highest aggregate scores, by first-class marksmen.

Scores of competitors shooting on the teams will count for individual trophy.

Competitors making the twelve highest aggregate scores, officers or men, will be mentioned in orders.

The tri-color will be the regimental trophy won by the winning team.

III. The State competition for distinguished marksmen will be held Tuesday, October 3, at 9.15 A.M.

Colonel Bancroft, 5th Regiment, Colonel Mathews, 1st Regiment, and Lieutenant-Colonel Edmands, 1st Corps Cadets, will each detail one commissioned officer and four non-commissioned officers to report to the Inspector General of Rifle Practice for such duty as may be assigned them.

Men who become distinguished marksmen at the State match become eligible for the distinguished marksmen match, and such report without special order.

Competitors will notify the Inspector General of Rifle Practice of their intention to compete not later than September 27.

The competition will comprise judging distances while skirmishing, and firing at two hundred, five hundred and six hundred yards. Seven rounds per man at all distances.

One sighting shot allowed at the five hundred and six hundred yard ranges.

Minimum trigger pull, six pounds, to be tested before or during the competition.

The three highest competitors will be recognized by medals.

IV. The names of all officers and non-commissioned officers under detail for the State matches will be sent to the Inspector General of Rifle Practice not later than September 27, that due arrangements may be made preparatory to the match, and shooting begin promptly and with snap.

V. The time limit of sixty seconds per shot will be strictly enforced. The time of every team in the general State competition will be counted from *when it is due at the firing point*, and will not exceed one hour and twenty-four minutes.

The decision of what constitutes debarment of a competitor or team rests with the Inspector General of Rifle Practice, subject to protest. If substantiated, match may be shot out, but if protest fail of substantiation, the score is lost. A substitute may be immediately put on the team, if captains so prefer. The substitute will be subject to the conditions governing firing at the range being shot over, and his score continues that of the debarred competitor, whose score is rendered *nil*, — *i. e.*, shots already made are lost.

Unless general orders are strictly complied with, teams or competitors are liable to be ruled out, without right of protest beyond the Inspector General of Rifle Practice or officer conducting match.

Permission may be asked for later arrival than ordered, but

unless granted forty-eight (48) hours before match, tardiness *rules out* without right of protest.

VI. At these matches the new target will be used, and the count will be as follows :—

Bull's-eye 8 inches in diameter, . . . . .	5
Circle 14.80 " " " . . . . .	4
" 26 " " " . . . . .	3
" 46 " " " . . . . .	2
Remainder of target, . . . . .	1

VII. The Steward Prize, won at Wimbledon by Corp. W. D. Huddleson, 1st Regiment Infantry, presented to the State by the Inspector General, will bear on a plate the annual record of the team winning the tri-color, and the names of officers or men making the five highest scores in the distinguished marksmen competition.

VII. Brigade commanders are charged with the promulgation of this order.

By order of the Commander-in-Chief,

SAMUEL DALTON,

*Adjutant General.*

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COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Nov. 27, 1893.

#### GENERAL ORDERS, No. 14.

I. The following-named commissioned officers of the Massachusetts Volunteer Militia, having rendered continuous service for a period of ten years and upwards, are, on their own application, retired under the provisions of section 54, chapter 367 of the Acts of the year 1893 :—

Lieut. Col. Frederick W. Merriam, Second Regiment Infantry, Oct. 6, 1893, with the rank of colonel.

First Lieutenant John G. Warner, Paymaster Eighth Regiment Infantry, November 9, with the rank of captain.

II. The following extract from the report of Col. William Leverett Chase, Inspector General of Rifle Practice, covering the rifle competitions for the year 1893, under General Orders Nos. 3 and 13, C. S., is published for the information of the militia :—

*A. Regimental Competitions.*—Company teams of seven, ten shots, at 200 yards.

First Regiment Infantry, August 26; the regimental trophy (engraving), "En Batterie," was won by Company B, with a score of 278.

Second Regiment Infantry, September 15; the regimental trophy

(engraving), "1806," was won by Company M, with a score of 294.

Fifth Regiment Infantry, September 21; the regimental trophy (engraving), "Le Bourget," was won by Company G, with a score of 268.

Sixth Regiment Infantry, September 22; the regimental trophy (engraving), "Washington and his Generals," was won by Company A, with a score of 299.

Eighth Regiment Infantry, August 28; the regimental trophy (engraving), "Attaque Imprévue," was won by Company D, with a score of 216.

Ninth Regiment Infantry, September 1; the regimental trophy (engraving), "Où Sont-ils? Les Voilà!" was won by Company L, with a score of 273.

First Corps Cadets, July 14; the corps trophy (engraving), "Napoleon," was won by Company D, with a score of 268.

Second Corps Cadets, September 4; the corps trophy (engraving), "Sault aux Blessés," was won by Company C, with a score of 288.

Naval Brigade, September 2; the brigade trophy (engraving), "Wreck of H. M. S. 'Birkenhead,'" was won by Company H, with a score of 271.

Cavalry Battalion (teams of six), September 26; the battalion trophy (engraving), "Rencontre d'un Officier blessé," was won by Troop F, with a score of 223.

*B.* The State General Competition took place October 2. The competition comprised firing seven shots at 200 and 500 yards. Individual trophies, recognized by medals, were won as follows:—

*Sharpshooter Class.*—First prize, Sergt. W. E. Sweetser, Company H, Sixth Regiment Infantry, score 61.

Second prize, Sergt. D. M. Bruce, Company C, Second Corps Cadets, score 60.

Third prize, Lieut. F. B. Felton, Company L, Second Regiment Infantry, score 58.

Fourth prize, Sergt. E. E. Baudoin, Company E, First Regiment Infantry, score 58.

Fifth prize, Priv. C. A. Hinds, Company E, Second Regiment Infantry, score 58.

*First Class Marksmen.*—First prize, Priv. G. E. Worthen, Jr., Company D, Second Corps Cadets, score 60.

Second prize, Seaman F. C. Graves, Company H, Naval Brigade, score 59.

Third prize, Priv. P. A. Mansfield, Company H, Sixth Regiment Infantry, score 58.

*The State Team.*—The twelve competitors making the highest aggregate scores were as follows:—

Sergt. W. E. Sweetser, Company H, Sixth Regiment Infantry, . . .	61
Priv. G. E. Worthen, Jr., Company D, Second Corps Cadets, . . .	60
Sergt. D. M. Bruce, Company C, Second Corps Cadets, . . .	60
Corp. J. L. Gibbs, Company E, First Regiment Infantry, . . .	60
Sergt. W. D. Huddleson, Company L, First Regiment Infantry, . . .	59
Sergt. G. E. Symonds, Company A, Second Corps Cadets, . . .	59
Seaman F. C. Graves, Company H, Naval Brigade, . . .	59
Priv. P. A. Mansfield, Company H, Sixth Regiment Infantry, . . .	58
Bugler P. S. Killam, Company A, Sixth Regiment Infantry, . . .	58
Lieut. F. B. Felton, Company L, Second Regiment Infantry, . . .	58
Sergt. G. E. Worthen, Company D, Second Corps Cadets, . . .	58
Capt. R. A. Whipple, Company M, Second Regiment Infantry, . . .	58

C. The Sixth Regiment Infantry, by virtue of its team making the best score at the State General Competition, is entitled to carry the tri-color on its colors for the year 1894.

D. The Distinguished Marksman Competition took place October 3. This competition comprised firing seven shots at 200, 500 and 600 yards, and estimating distances at seven halts. Competitors who made the three highest scores won medals.

First prize, Priv. C. A. Hinds, Company E, Second Regiment Infantry.

$$31 + 31 + 32 + 22 = 116.$$

Second prize, Priv. C. E. Horton, Company C, Second Corps Cadets.

$$27 + 30 + 31 + 27 = 115.$$

Third prize, Sergt. W. H. Bean, Company D, Second Corps Cadets.

$$26 + 31 + 25 + 28 = 110.$$

The following competitors made 100 points and over in this competition:—

Priv. W. G. Hussey, Company C, Second Corps Cadets, . . .	107
Priv. J. H. Keough, Company A, Sixth Regiment Infantry, . . .	106
Sergt. W. E. Sweetser, Company H, Sixth Regiment Infantry, . . .	105
Bugler P. S. Killam, Company A, Sixth Regiment Infantry, . . .	105
Capt. R. A. Whipple, Company M, Second Regiment Infantry, . . .	105
Lieut. W. H. Merritt, I. R. P., Second Corps Cadets, . . .	104
Sergt. G. E. Symonds, Company A, Second Corps Cadets, . . .	104
Priv. E. Dimock, Company C, Second Corps Cadets, . . .	103
Corp. J. L. Gibbs, Company E, First Regiment Infantry, . . .	103
Corp. F. P. Smith, Company B, First Corps Cadets, . . .	103
Sergt. E. E. Baudoin, Company E, First Regiment Infantry, . . .	102
Lieut. J. A. Sterling, Company B, Second Regiment Infantry, . . .	102
Lieut. F. B. Felton, Company L, Second Regiment Infantry, . . .	100
Sergt. W. D. Huddleson, Company L, First Regiment Infantry, . . .	100

By order of the Commander-in-Chief,

SAMUEL DALTON,  
*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Dec. 1, 1893.

GENERAL ORDERS, No. 15.

I. The following-named enlisted men of the Massachusetts Volunteer Militia, having absented themselves from annual drills of their commands for the current year, without leave or proper excuse, are hereby discharged for the best interests of the service, for neglect of duty: —

*Signal Corps, First Brigade.* — Private A. Dudley Bagley.

*First Regiment Infantry.* — Company A, Privates James D. Craig, John J. Flynn, Frederick J. Geary, Alvin F. Gross, William H. Swift; Company E, Privates Richard H. Bennett, John B. Jones; Company G, Privates John W. Beaton, Edward T. Booth, Joseph L. Kelley; Company H, Private Harry T. Smith.

*Second Regiment Infantry.* — Headquarters, Drummer Patrick J. Flynn; Company A, Private Albert C. Lary; Company E, Private Frank A. Sampson; Company H, Privates Fred Chellis, Daniel J. Connors, Joe Stone; Company L, Privates Burt M. Dow, Frederick A. Morey, George L. Nash.

*Fifth Regiment Infantry.* — Company C, Private Stephen J. Furdon; Company D, Privates Alphonso Allen, Will Bassett, John T. Croghan, John Donovan, Irvin Parker, Herbert E. Tozier; Company E, Privates Charles F. Lennis, Lee Marshall, George A. Mills; Company F, Privates Richard P. Birmingham, Robert E. Bullard, John J. Collins, William J. Jones, James B. Larkin; Company G, Privates Charles H. Malloy, George W. Waughn; Company H, Privates Robert J. Buchanan, James J. Connors, Edwin H. Church, Henry F. Halloran, Joseph D. Kelley, William H. Riley, John J. Waters, Patrick F. Wall; Company K, Privates George Walsh, George W. McLeod; Company M, Privates Herbert T. Bond, Charles E. Cook.

*Sixth Regiment Infantry.* — Company C, Privates George F. Beherral, Herman W. Crooker; Company D, Privates Antoine Gagnon, Ectos Lapan; Company F, Privates Joseph L. Lippard, Walter E. Nourse, George E. Stevens; Company G, Privates Frank M. Bell, Clarence L. Gardner, Floyd J. Mattoon, Alfred Payer; Company I, Privates James A. Grimes, Howard B. Jackson.

*Ninth Regiment Infantry.* — Company A, Private Daniel Leahy; Company B, Private Dennis J. Burnett; Company C, Privates Michael Donahue, William P. Fallon, John Ferris, John Glynn, Michael Kelly, John A. McCarthy; Company F, Privates Thomas Clark, Patrick E. Farrelly, John B. Lilly, Jere. J. Sullivan; Com-

pany K, Privates John P. Barnes, James H. Ennis, Patrick J. Ferguson, John Gibbons, Michael H. Hanney, James McConville, John Sweeney; Company M, Privates Charles E. Stillings, Thomas W. Kelleher, Michael J. Miskell.

*Battery A, Light Artillery.* — Private John F. Hines.

II. The following-named enlisted men have been discharged, and the "no objection clause" erased, for misdemeanor: —

*Fifth Regiment Infantry.* — Company H, Private William H. Henderson.

*Ninth Regiment Infantry.* — Company A, Private Richard J. Wentworth.

By order of the Commander-in-Chief,

SAMUEL DALTON,  
*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Dec. 22, 1893.

#### GENERAL ORDERS, No. 16.

I. The following is published for the information of the militia: —

EXECUTIVE DEPARTMENT, BOSTON, Dec. 21, 1893.

After a full and impartial hearing before the judge advocate general on charges preferred by Capt. Jeremiah G. Fennessey, commanding Company E, Ninth Regiment of Infantry, Second Brigade, M. V. M., against Second Lieut. Richard H. Foley of his command; and upon consideration of the report of the judge advocate general thereon, it is ordered that Lieut. Richard H. Foley be discharged.

(Signed)

W. E. RUSSELL,  
*Governor and Commander-in-Chief.*

II. Second Lieut. Richard H. Foley, Company E, Ninth Regiment Infantry, Second Brigade, M. V. M., is hereby discharged.

III. Brigade, naval brigade and cadet corps commanders are charged with the promulgation of this order.

By order of the Commander-in-Chief,

SAMUEL DALTON,  
*Adjutant General.*

COMMONWEALTH OF MASSACHUSETTS,  
ADJUTANT GENERAL'S OFFICE, BOSTON, Dec. 30, 1893.

#### GENERAL ORDERS, No. 17.

I. The following-named staff officers of the Commander-in-Chief are hereby honorably discharged from the service of the

State, to take effect Jan. 3, 1894, on account of expiration of service : —

Maj. Gen. Samuel Dalton, Boston, Adjutant General.  
Brig. Gen. Francis Peabody, Jr., Boston, Judge Advocate General.  
Brig. Gen. Charles H. Taylor, Boston, Commissary General.  
Col. Walter Cutting, Pittsfield, Aide-de-Camp.  
Col. Michael T. Donohoe, Boston, Aide-de-Camp.  
Col. Spencer Borden, Fall River, Aide-de-Camp.  
Col. D. Howard Vincent, Boston, Aide-de-Camp.  
Col. William L. Chase, Boston, Inspector General Rifle Practice and Acting Inspector General.  
Col. George A. Keeler, Boston, Assistant Inspector General.  
Col. Henry D. Andrews, Boston, Assistant Inspector General.  
Col. Frederick G. King, Boston, Assistant Inspector General.  
Col. James L. Carter, Boston, Assistant Inspector General.  
Col. James E. Delaney, Holyoke, Assistant Adjutant General.  
Col. William A. Gaston, Boston, Assistant Adjutant General.  
Col. John H. Cunningham, Boston, Assistant Adjutant General.  
Col. Henry E. Russell, Boston, Assistant Adjutant General.  
Col. John T. Wheelwright, Boston, Assistant Adjutant General.  
Col. John E. Thayer, Lancaster, Assistant Quartermaster General.  
Col. James H. Carmichael, Lowell, Assistant Quartermaster General.  
Col. Horace B. Verry, Worcester, Assistant Quartermaster General.  
Col. Percy Parker, Lowell, Assistant Quartermaster General.

II. Brig. Gen. Thomas Kittredge, Surgeon General, having rendered continuous service for a period of ten years and upwards, is, on his own application, retired under the provisions of section 54, chapter 367 of the Acts of the year 1893, to date from Jan. 3, 1894.

III. In accepting the resignations of the officers of his staff, the Commander-in-Chief desires to express his regard for them personally and his high appreciation of their prompt and courteous performance of duty.

IV. In taking leave of the militia, he desires to commend the officers and men for continued improvement, and tenders his thanks for many courtesies.

V. Brigade and cadet corps commanders are charged with the promulgation of this order.

By order of the Commander-in-Chief,  
SAMUEL DALTON,  
*Adjutant General.*



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## APPENDIX.

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TABLE NO. 1. — *Enrolled Militia of 1893, showing by Counties the Number of Persons between the Ages of 18 and 45 Years liable to Military Duty.*

COUNTIES.	1892.	1893.	Increase.	Decrease.
Barnstable, . . .	2,611	2,369	77	319
Berkshire, . . .	10,637	12,138	1,676	175
Bristol, . . .	28,527	29,470	1,172	229
Dukes, . . .	477	417	22	82
Essex, . . .	49,022	51,492	3,233	763
Franklin, . . .	6,041	6,771	854	124
Hampden, . . .	17,732	18,143	1,255	844
Hampshire, . . .	7,073	7,479	432	26
Middlesex, . . .	84,804	87,935	4,569	1,438
Nantucket, . . .	375	375	—	—
Norfolk, . . .	18,641	19,128	1,737	1,250
Plymouth, . . .	16,624	18,781	2,333	176
Suffolk, . . .	85,306	87,617	2,311	—
Worcester, . . .	45,755	49,208	4,590	1,137
Totals, . . .	373,625	391,323	24,261	6,563
Net gain, . . .				17,698

TABLE No. 2. — *Organization of Volunteer Militia.*

FIRST BRIGADE — BRIGADIER GENERAL BENJAMIN F. BRIDGES, BOSTON.									
First Regiment Infantry, . . .	12 companies, . . .	. . .	. . .	. . .	Colonel, . . .	. . .	Thomas R. Mathews, . . .	. . .	Boston.
Second Regiment Infantry, . . .	12 companies, . . .	. . .	. . .	. . .	Colonel, . . .	. . .	Embury P. Clark, . . .	. . .	Springfield.
Sixth Regiment Infantry, . . .	12 companies, . . .	. . .	. . .	. . .	Colonel, . . .	. . .	Henry Parsons, . . .	. . .	Marlborough.
First Battalion Artillery, . . .	2 batteries, 4 guns and 2 Gatlings each, . . .	. . .	. . .	. . .	Major, . . .	. . .	Lawrence N. Duchesney, . . .	. . .	Lawrence.
Company F, Cavalry, . . .	— . . .	. . .	. . .	. . .	Captain, . . .	. . .	Elisha H. Shaw, . . .	. . .	Chelmsford.
Signal Corps, . . .	— . . .	. . .	. . .	. . .	First Lieutenant, . . .	. . .	John A. Hunneman, . . .	. . .	Boston.
Ambulance Corps, . . .	— . . .	. . .	. . .	. . .	First Lieutenant, . . .	. . .	Myles Standish, . . .	. . .	Boston.
SECOND BRIGADE — BRIGADIER GENERAL BENJAMIN F. PEACH, JR., LYNN.									
Fifth Regiment Infantry, . . .	12 companies, . . .	. . .	. . .	. . .	Colonel, . . .	. . .	William A. Bancroft, . . .	. . .	Cambridge.
Ninth Regiment Infantry, . . .	12 companies, . . .	. . .	. . .	. . .	Colonel, . . .	. . .	Fred'k B. Bogan, . . .	. . .	Boston.
Eight Regiment Infantry, . . .	12 companies, . . .	. . .	. . .	. . .	Colonel, . . .	. . .	Charles L. Dodge, . . .	. . .	Beverly.
Battery A, Light Artillery, . . .	4 guns and 2 Gatlings, . . .	. . .	. . .	. . .	Captain, . . .	. . .	Dexter H. Follett, . . .	. . .	Boston.
First Battalion Cavalry, . . .	2 companies, . . .	. . .	. . .	. . .	Major, . . .	. . .	Horace G. Kemp, . . .	. . .	Cambridge.
Signal Corps, . . .	— . . .	. . .	. . .	. . .	First Lieutenant, . . .	. . .	Henry W. Sprague, . . .	. . .	Boston.
Ambulance Corps, . . .	— . . .	. . .	. . .	. . .	First Lieutenant, . . .	. . .	Arthur W. Clark, . . .	. . .	Boston.
CORPS OF CADETS AND NAVAL BATTALION — UNATTACHED.									
First Corps Cadets, . . .	4 companies, . . .	. . .	. . .	. . .	Lieut. Colonel, . . .	. . .	Thomas F. Edmands, . . .	. . .	Boston.
Second Corps Cadets, . . .	4 companies, . . .	. . .	. . .	. . .	Lieut. Colonel, . . .	. . .	John W. Hart, . . .	. . .	Salem.
Naval Brigade, . . .	8 companies, . . .	. . .	. . .	. . .	Captain, . . .	. . .	John C. Soley, . . .	. . .	Boston.

TABLE NO. 3. — *Locations of Headquarters of Brigades, Regiments, Battalions and Armories of Companies, by Cities, Towns and Counties.*

CITY OR TOWN.	COUNTY.	HEADQUARTERS.	Regiment.	Companies of Infantry and Naval Brigade.	*Companies of Cavalry.	Batteries of Artillery.	Signal Corps.	Ambulance Corps.	Totals.
Adams, .	Berkshire, .	-	2d,	M, . . .	-	-	-	-	1
Amesbury, .	Essex, .	-	8th,	B, . . .	-	-	-	-	1
Amherst, .	Hampshire, .	-	2d,	K, . . .	-	-	-	-	1
Attleborough, .	Bristol, .	-	5th,	I, . . .	-	-	-	-	1
Beverly, .	Essex, .	-	8th,	E, . . .	-	-	-	-	1
Boston, .	Suffolk, .	1st Corps Cadets,	-	A, B, C, D,	-	-	-	-	4
" . . .	" . . .	1st Brigade,	-	-	-	-	-	-	-
" . . .	" . . .	1st "	-	-	-	-	1st,	-	-
" . . .	" . . .	2d "	-	-	-	-	-	-	-
" . . .	" . . .	2d "	-	-	-	-	2d,	1st,	-
" . . .	" . . .	1st Regiment, .	-	{ A, C, D, G, K, L, }	-	-	-	-	6
" . . .	" . . .	5th Regiment, .	-	A, H, . . .	-	-	-	-	2
" . . .	" . . .	-	6th,	L, . . .	-	-	-	-	1
" . . .	" . . .	9th Regiment, .	-	{ A, B, C, D, E, H, I, }	-	-	-	-	7
" . . .	" . . .	1st Bat. Cavalry,	-	-	A, D,	-	-	-	2
" . . .	" . . .	-	-	-	-	A,	-	-	1
" . . .	" . . .	Naval Battalion,	-	A, B, C, D,	-	-	-	-	4
Braintree, .	Norfolk, .	-	5th,	K, . . .	-	-	-	-	1
Brockton, .	Plymouth, .	-	1st,	I, . . .	-	-	-	-	1
Cambridge, .	Middlesex, .	-	1st,	B, . . .	-	-	-	-	1
Cambridge, .	Middlesex, .	-	5th,	B, . . .	-	-	-	-	1
Chelsea, .	Suffolk, .	-	1st,	H, . . .	-	-	-	-	1
Clinton, .	Worcester, .	-	9th,	K, . . .	-	-	-	-	1
Concord, .	Middlesex, .	-	6th,	I, . . .	-	-	-	-	1
Danvers, .	Essex, .	-	8th,	K, . . .	-	-	-	-	1
Deerfield, .	Franklin, .	-	2d,	H, . . .	-	-	-	-	1
Fall River, .	Bristol, .	-	1st,	M,* . . .	-	-	-	-	2
Fitchburg, .	Worcester, .	-	6th,	B, D, . . .	-	-	-	-	2
Frammingham, .	Middlesex, .	-	6th,	E, . . .	-	-	-	-	1
Gardner, .	Worcester, .	-	2d,	F, . . .	-	-	-	-	1
Gloucester, .	Essex, .	-	8th,	G, . . .	-	-	-	-	1
Greenfield, .	Franklin, .	-	2d,	L, . . .	-	-	-	-	1
Haverhill, .	Essex, .	-	8th,	F, . . .	-	-	-	-	1
Hudson, .	Middlesex, .	-	5th,	M, . . .	-	-	-	-	1
Holyoke, .	Hampden, .	-	2d,	D, . . .	-	-	-	-	1
Lawrence, .	Essex, .	1st Bat. Lt. Art.,	-	-	-	C,	-	-	1
Lawrence, .	Essex, .	-	9th,	F, . . .	-	-	-	-	1
Lowell, .	Middlesex, .	-	6th,	C, G, M, . . .	-	-	-	2d,	3
" . . .	" . . .	-	9th,	M, . . .	-	-	-	-	1
" . . .	" . . .	-	2d C'd'te	D, . . .	-	-	-	-	1
Lynn, .	Essex, .	-	8th,	D, I, † . . .	-	-	-	-	3
Malden, .	Middlesex, .	-	5th,	L, . . .	-	-	-	-	1
Marblehead, .	Essex, .	-	8th,	C, . . .	-	-	-	-	1
Marlborough, .	Middlesex, .	6th Regiment, .	6th,	F, . . .	-	-	-	-	1

\* Co. F, Naval Brigade.

† Co. E, Naval Brigade.

TABLE No. 3 — Concluded.

CITY OR TOWN.	COUNTY.	HEADQUARTERS.	Regiment.	Companies of Infantry and Naval Bri- gade.	Companies of Cavalry.	Batteries of Artillery.	Signal Corps.	Ambulance Corps.	Totals.
Medford, . .	Middlesex,	-	5th,	E, . . .	-	-	-	-	1
Milford, . .	Worcester,	-	6th,	M, . . .	-	-	-	-	1
New Bedford, .	Bristol, .	-	1st,	E,* . . .	-	-	-	-	2
Newburyport,	Essex, .	-	8th,	A, . . .	-	-	-	-	1
Northampton,	Hampshire,	-	2d,	I, . . .	-	-	-	-	1
Newton, . .	Middlesex,	-	5th,	C, . . .	-	-	-	-	1
Natick, . .	Middlesex,	-	9th,	L, . . .	-	-	-	-	1
N. Andover, .	Essex, .	-	8th,	L, . . .	-	-	-	-	1
Orange, . .	Franklin, .	-	2d,	E, . . .	-	-	-	-	1
Plymouth, .	Plymouth, .	-	5th,	D, . . .	-	-	-	-	1
Salem, . .	Essex, .	2d Corps Cadets,	-	A, B, C, .	-	-	-	-	3
Salem, . .	Essex, .	8th Regiment, .	8th,	H, . . .	-	-	-	-	1
Somerville, .	Middlesex,	-	8th,	M, . . .	-	-	-	-	1
Southbridge, .	Worcester,	-	6th,	K, . . .	-	-	-	-	1
Springfield, .	Hampden, .	2d Regiment, .	2d,	-	-	-	-	-	-
Springfield, .	Hampden, .	-	2d,	B, G,† .	-	-	-	-	3
Stoneham, .	Middlesex,	-	6th,	H, . . .	-	-	-	-	1
Taunton, . .	Bristol, .	-	1st,	F, . . .	-	-	-	-	1
Wakefield, .	Middlesex,	-	6th,	A, . . .	-	-	-	-	1
Waltham, . .	" . .	-	5th,	F, . . .	-	-	-	-	1
Westford, . .	" . .	-	-	-	F,†	-	-	-	1
Woburn, . .	" . .	-	5th,	G, . . .	-	-	-	-	1
Worcester, .	Worcester,	-	2d,	A, C, .	-	-	-	-	2
" . .	" . .	-	-	-	-	B, .	-	-	1
" . .	" . .	-	9th,	G, . . .	-	-	-	-	1

\* Co. G, Naval Brigade.

† Co. H, Naval Brigade.

‡ Detachments at Carlisle, Chelmsford and North Chelmsford.

TABLE No. 4.—*Armory Rent Roll.*

CITY OR TOWN.	ORGANIZATION.	Amount re- turned by City or Town.	Amount al- lowed.
Adams, . . .	Co. M, Second Regiment Infantry, . .	\$450 00	\$400 00
Amesbury,* . .	B, Eighth " " . . .	-	-
Amherst, . . .	K, Second " " . . .	200 00	200 00
Attleborough, . .	I, Fifth, " " . . .	600 00	400 00
Ayer, . . .	F, Cavalry (detachment) to March 1, 1893, . . .	18 67	16 67
Beverly, . . .	E, Eighth Regiment Infantry, . .	400 00	400 00
Boston, . . .	Headquarters First Brigade, . .	500 00	200 00
" . . .	" Second Brigade, . .	900 00	200 00
" . . .	" Ambulance Corps, 2d Brigade, . . .	100 00	100 00
" . . .	" First Reg't Infantry, . .	200 00	200 00
" . . .	" Fifth " " . . .	200 00	200 00
" . . .	" Ninth " " . . .	200 00	200 00
" . . .	" First Batt'n Cavalry, . .	200 00	200 00
" . . .	Co. A, First Regiment Infantry, . .	400 00	400 00
" . . .	C, " " " . . .	400 00	400 00
" . . .	D, " " " . . .	400 00	400 00
" . . .	G, " " " . . .	400 00	400 00
" . . .	K, " " " . . .	400 00	400 00
" . . .	L, " " " . . .	400 00	400 00
" . . .	A, Fifth, " " . . .	1,200 00	100 00
" . . .	H, Fifth, " " . . .	400 00	100 00
" . . .	L, Sixth, " " . . .	1,085 00	100 00
" . . .	A, Ninth, " " . . .	400 00	400 00
" . . .	B, " " " . . .	400 00	400 00
" . . .	C, " " " . . .	400 00	400 00
" . . .	D, " " " . . .	400 00	100 00
" . . .	E, " " " . . .	400 00	400 00
" . . .	H, " " " . . .	400 00	400 00
" . . .	I, " " " . . .	400 00	400 00
" . . .	Headquarters Naval Battalion, . .	200 00	200 00
" . . .	Co. A, Naval Battalion, . . .	400 00	400 00
" . . .	B, " " " . . .	400 00	400 00
" . . .	C, " " " . . .	400 00	400 00
" . . .	D, " " " . . .	400 00	400 00
" . . .	First Corps Cadets, . . .	3,600 00	600 00
" . . .	Co. A, First Battalion Cavalry, . .	2,000 00	600 00
" . . .	Co. D, First Battalion Cavalry, . .	1,200 00	600 00
" . . .	Battery A, Light Artillery, . .	2,787 68	300 00
" . . .	Signal Corps, First Brigade, . .	200 00	200 00
" . . .	Signal Corps, Second Brigade, . .	200 00	200 00
Brockton, . . .	Co. I, First Regiment Infantry, . .	600 00	400 00
Braintree, . . .	K, Fifth " " . . .	400 00	400 00
Cambridge, . . .	B, First " " . . .	400 00	400 00
Cambridge, . . .	B, Fifth " " . . .	400 00	400 00
Carlisle, . . .	F, Cavalry (detachment), . .	75 00	75 00
Chelmsford, . . .	F, Cavalry (detachment), . .	200 00	200 00
Chelsea, . . .	H, First Regiment Infantry, . .	1,000 00	400 00
Concord, . . .	I, Sixth " " . . .	400 00	400 00
Clinton, . . .	K, Ninth " " . . .	700 00	400 00
Danvers, . . .	K, Eighth " " . . .	400 00	400 00
Deerfield, . . .	H, Second " " . . .	400 00	300 00
Fall River, . . .	M, First " " . . .	400 00	250 00
Fall River, . . .	F, Naval Brigade, . . .	600 00	200 00
Pitchburg,* . . .	B, Sixth Regiment Infantry, . .	-	-
Pitchburg,* . . .	D, Sixth " " . . .	-	-
Frammingham, . .	E, Sixth " " . . .	514 00	250 00
Gardner, . . .	F, Second " " . . .	400 00	300 00
	Carried forward, . . .	\$30,528 35	\$16,991 67

\* No return.

TABLE No. 4. — Concluded.

CITY OR TOWN.	ORGANIZATION.	Amount re- turned by City or Town.	Amount al- lowed.
	<i>Brought forward,</i>	\$30,528 35	\$16,991 67
Gloucester, .	Co. G, Eighth Regiment Infantry, .	1,000 00	300 00
Greenfield, .	L, Second " " .	400 00	400 00
Haverhill, .	F, Eighth " " .	600 00	300 00
Hudson, .	M, Fifth " " .	600 00	400 00
Holyoke, .	Headquarters Second Reg't Infantry, to February 10, .	38 88	22 21
Holyoke, .	Co. D, Second Reg't Infantry, .	400 00	200 00
Lawrence, .	Headquarters First Batt'n Art'y, .	200 00	200 00
" .	Co. F, Ninth Regiment Infantry, .	583 32	400 00
" .	Battery C, First Artillery, .	600 00	600 00
Lowell, .	Co. C, Sixth Regiment Infantry, .	400 00	400 00
" .	G, Sixth " " .	400 00	400 00
" .	M, Ninth " " .	400 00	400 00
" .	D, Second Corps Cadets, .	400 00	400 00
" .	Ambulance Corps, First Brigade, .	100 00	100 00
Lynn, .	Co. D, Eighth Regiment Infantry, .	1,000 00	400 00
" .	I, " " " .	1,000 00	400 00
" .	E, Naval Brigade, .	200 00	200 00
Marblehead, .	C, Eighth Regiment Infantry, .	400 00	300 00
Marlborough, .	Headquarters Sixth Regiment Infantry, .	200 00	200 00
Marlborough, .	Co. F, Sixth Regiment Infantry, .	400 00	400 00
Medford, .	E, Fifth " " .	360 00	200 00
Milford, .	M, Sixth " " .	300 00	300 00
Malden, .	L, Fifth " " .	400 00	400 00
Natick, .	L, Ninth " " .	400 00	300 00
New Bedford, .	E, First " " .	700 00	400 00
New Bedford, .	G, Naval Brigade, .	800 00	200 00
Northampton, .	I, Second Regiment Infantry, .	400 00	400 00
Newburyport, .	A, Eighth " " .	700 00	350 00
No. Andover, .	L, Eighth " " .	400 00	300 00
Newton, .	C, Fifth " " .	400 00	400 00
Orange, .	E, Second " " .	400 00	400 00
Plymouth, .	D, Fifth " " .	400 00	400 00
Salem, .	Second Corps Cadets, .	1,500 00	1,000 00
" .	Headquarters Eighth Reg't Infantry, .	400 00	200 00
" .	Co. H, Eighth Regiment Infantry, .	550 00	300 00
Stoneham, .	H, Sixth " " .	600 00	400 00
Southbridge, .	K, Sixth " " .	400 00	400 00
Somerville, .	M, Eighth " " .	400 00	400 00
Springfield, .	B, Second " " .	400 00	400 00
" .	G, Second " " .	400 00	400 00
" .	H, Naval Brigade, .	266 67	166 66
" † .	Headquarters Second Reg't Infantry, from February 11, .	200 00	189 72
Taunton, .	Co. F, First Regiment Infantry, .	1,200 00	400 00
Wakefield, † .	A, Sixth " " .	-	-
Waltham, .	F, Fifth " " .	800 00	400 00
Westford, .	F, Cavalry, .	175 00	175 00
Woburn, .	G, Fifth Regiment Infantry, .	400 00	300 00
Worcester, .	A, Second " " .	400 00	400 00
" .	C, Second " " .	400 00	400 00
" .	G, Ninth " " .	400 00	400 00
" .	Battery B, First Artillery, .	600 00	600 00
		\$55,002 22	\$34,395 26

\* May 1 to January 1.

† February 10 to January 1.

‡ No return.

TABLE No. 5. — *Property Account.*

ARTICLES.	On Hand Jan. 1, 1893.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
<i>Guns, Carriages, etc.</i>													
Bronze, 12-pdrs., . . . . .	5				5				5		5		
8-inch rifle guns, model of 1861, . . . . .	8				8				8		8		
Carriages and limber, 12-pdrs., . . . . .	5				5				5		5		
Caissons and limber, 12-pdrs., . . . . .	5				5				5		5		
Carriage and limber, 10-pdrs., . . . . .	8				8				8		8		
Caissons and limber, 10-pdrs., . . . . .	8				8				8		8		
Spare wheels, . . . . .	15				15				15	3	12		
Spare poles, . . . . .	25				25	2		2	23	11	12		
10-inch Rodman, . . . . .	2				2				2	2			
Carriages for do., . . . . .	2				2				2	2			
10-inch siege mortars, . . . . .	4				4				4	4			
Platform for do., . . . . .	4				4				4	4			
Wooden mortars, . . . . .	3				3				3		3		
<i>Gallies, etc.</i>													
Gatling guns, . . . . .	6	1			7				7		7		
Gatling carriages, . . . . .	6	1			7				7		7		
Gatling limbers, . . . . .	6	1			7				7		7		
Feed magazines, . . . . .	28				28				28		28		
Handspikes, . . . . .	12				12	1		1	11		11		

TABLE No. 5—Continued.

ARTICLES.	On Hand Jan. 1, 1898.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1898.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Gun covers, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Wiping rods, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Pin wrenches, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
"T" screw-drivers, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Small screw-drivers, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Lock screw-drivers, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Drifts, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Can extractors, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Pointing levers, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Oilers, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Screw wrenches, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Riveting hammers, . . . . .	6	—	—	—	6	—	—	—	6	—	—	—	—
Arm chests, . . . . .	9	—	—	—	6	—	—	—	6	—	—	—	—
<i>Guns, etc., Naval Battalion.</i>													
3-inch Hotchkiss gun, . . . . .	1	—	1	—	2	—	—	—	2	—	—	—	—
Carriage for do., . . . . .	1	—	1	—	2	—	—	—	2	—	—	—	—
Sponge head and rammer for do., . . . . .	—	—	1	—	1	—	—	—	1	—	—	—	—
3-inch B. L. directing bar, . . . . .	—	—	1	—	1	—	—	—	1	—	—	—	—
3-inch B. L. bristle and sponge, . . . . .	—	—	1	—	1	—	—	—	1	—	—	—	—
3-inch B. L. sponge bucket, . . . . .	—	—	1	—	1	—	—	—	1	—	—	—	—
3-inch B. L. howitzers, . . . . .	1	—	—	—	1	—	—	—	1	—	—	—	—
3-inch elevator screws, . . . . .	1	—	—	—	1	—	—	—	1	—	—	—	—



TABLE No. 5 — Continued.

ARTICLES.	On Hand Jan. 1, 1898.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
<i>Rifles, etc.</i>													
Lee magazine rifles, . . . . .	208	-	208	-	416	-	-	-	416	-	416	-	-
Lee bayonets, . . . . .	208	-	208	-	416	-	-	-	416	-	416	-	-
Detachable magazines, . . . . .	832	-	832	-	1,664	-	-	-	1,664	-	1,664	-	-
Springfield rifles, cal. .45", . . . . .	5,943	-	-	13	5,956	-	-	-	5,956	1,311	4,645	-	2,147
Springfield bayonets, cal. .45", . . . . .	5,797	-	-	12	5,809	-	-	-	5,809	1,251	4,558	-	2,155
Springfield rifles, cal. .58", . . . . .	150	-	-	-	150	-	-	-	150	-	-	150	-
Springfield bayonets, cal. .58", . . . . .	172	-	-	-	172	-	22	22	-	-	-	150	-
Peabody rifles, cal. .439", . . . . .	34	-	-	-	34	-	-	-	34	-	-	84	-
Spencer rifles, . . . . .	9	-	-	-	9	-	-	-	9	-	-	9	-
Gun slings, . . . . .	6,191	-	1,408	-	7,599	1,212	-	1,212	6,387	1,383	5,004	-	3,248
Tompions, . . . . .	102	-	-	-	102	-	-	-	102	-	-	102	-
Springfield carbines, . . . . .	247	-	-	-	247	-	-	-	247	9	238	-	-
Carbine slings, . . . . .	248	-	-	-	248	-	-	-	248	26	222	-	-
Carbine sling swivels, . . . . .	246	-	-	-	246	-	-	-	246	24	222	-	-
Carbine sockets and straps, . . . . .	267	-	-	-	267	15	-	15	252	28	224	-	-
Winchester repeating rifles, . . . . .	-	12	-	-	12	-	-	-	12	12	-	-	-
<i>Side-arms.</i>													
Artillery sabres, . . . . .	279	-	-	-	279	5	-	5	274	39	235	-	-
Cavalry sabres, . . . . .	552	-	-	-	552	-	2	2	550	279	271	-	-
Swords, non-com. staff, . . . . .	95	-	-	-	95	8	-	8	87	1	86	-	-



TABLE No. 5 — Continued.

ARTICLES.	On Hand Jan. 1, 1898.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Vent punches, . . . . .	2	-	-	-	2	7	-	-	2	1	1	-	-
Water buckets, artillery, . . . . .	79	-	-	-	79	7	-	7	72	13	59	-	-
Wiping rods, . . . . .	1,326	-	-	-	1,326	63	-	63	1,263	1,083	180	-	1,149
Worms and staves, . . . . .	18	-	-	-	18	4	-	4	14	2	12	-	-
Woollen sponge covers, . . . . .	1	-	-	-	1	-	-	-	1	-	1	-	-
<i>Harness and Horse Equipments.</i>													
Breastplates, . . . . .	307	9	-	-	316	1	-	1	315	11	304	-	-
Bridles, cavalry and artillery, . . . . .	300	9	-	4	313	-	-	-	313	9	304	-	-
Bridles, infantry, . . . . .	7	-	-	2	9	-	-	-	9	9	-	-	-
Blankets, gray, single, . . . . .	148	-	-	-	148	-	-	-	148	148	-	-	-
Blankets, horse, . . . . .	375	-	-	-	375	47	1	48	327	100	227	-	-
Collars, spare, . . . . .	196	-	-	-	196	-	-	-	196	126	10	-	-
Curry-combs, . . . . .	178	-	-	-	178	26	8	34	144	7	137	-	-
Horse brushes, . . . . .	167	-	-	-	167	25	5	30	137	4	133	-	-
Horse covers, oil, . . . . .	2	-	-	-	2	-	-	-	2	2	-	-	-
Harnesses, sets, wheel, . . . . .	24	-	-	-	24	-	-	-	24	-	24	-	-
Harnesses, sets, lead, . . . . .	24	-	-	-	24	-	-	-	24	-	24	-	-
Harnesses, Gating sets, . . . . .	6	-	-	-	6	-	-	-	6	-	6	-	-
Halters, . . . . .	256	-	-	-	256	16	2	18	238	43	195	-	-
Hitching ropes, . . . . .	48	-	-	-	48	-	-	-	48	48	-	-	-
Martingales, . . . . .	319	-	-	-	319	2	-	2	317	13	304	-	-
Nose-bags, . . . . .	432	-	-	-	432	19	-	19	413	93	320	-	-



TABLE No. 5 — Continued.

ARTICLES.	On Hand Jan. 1, 1893.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Waist-belts, . . . . .	5,061	815	-	-	5,876	71	810	881	4,995	356	4,639	-	-
Waist-belt plates, . . . . .	5,335	15	-	-	5,350	129	154	283	5,067	398	4,669	-	-
Waist-belt toggles, . . . . .	258	800	-	-	1,058	306	-	306	752	752	-	-	-
Web cartridge belts (Mills), . . . . .	208	-	208	-	416	-	-	-	416	-	416	-	-
<i>Ammunition.</i>													
Ammunition boxes, . . . . .	1	-	-	-	1	-	-	-	1	-	1	-	-
Ball cartridges, cal. .45", . . . . .	94,612	-	50,000	-	144,612	61,067	-	61,067	83,545	81,540	2,005	-	142,612
Ball cartridges, 5 grain, . . . . .	3,150	-	-	-	3,150	-	-	-	3,150	3,100	50	-	-
Ball cartridges, U. M. C. C., . . . . .	13,638	-	-	-	13,638	-	-	-	13,638	13,638	-	-	-
Blank cartridges, cal. .45", . . . . .	21,550	-	30,000	-	51,550	42,450	-	42,450	9,100	7,600	1,500	-	-
Blank cartridges, 10-pdrs., . . . . .	-	-	-	729	729	400	-	400	329	329	-	-	-
Blank cartridges, 12-pdrs., . . . . .	50	-	-	-	50	-	-	-	50	50	-	-	-
Blank cartridges, carbines, . . . . .	5,000	-	-	-	5,000	-	-	-	5,000	5,000	-	-	-
Blank cartridges, Gatlings, . . . . .	31,161	-	-	-	31,161	13,381	-	13,381	17,780	9,780	8,000	-	-
Canister, 12-pdr. (not fixed), . . . . .	126	-	-	-	126	-	-	-	126	120	6	-	-
Canister, 12-pdr. (fixed), . . . . .	24	-	-	-	24	-	-	-	24	24	-	-	-
Canister, 10-pdr., . . . . .	50	-	-	-	50	-	-	-	50	50	-	-	-
Cannon powder, lbs., . . . . .	125	2,100	-	-	2,225	2,125	-	2,125	100	100	-	-	-
Carbine cartridges, cal. .45", . . . . .	1,040	-	-	-	1,040	1,000	-	1,000	40	40	-	-	-
Cartridge flannel, pieces, . . . . .	61	-	-	-	61	51	-	51	1	1	-	-	-
Friction primers, . . . . .	1,050	-	2,000	-	3,050	990	-	990	-	2,060	-	-	2,060
Loaded shell, 12-pdrs., . . . . .	9	-	-	-	9	-	-	-	9	9	-	-	-



TABLE No. 5 — Continued.

ARTICLES.	On Hand Jan. 1, 1898.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Base screws, . . . . .	256	-	-	5	261	-	-	-	261	261	-	-	62
Butt-plates, . . . . .	113	-	-	46	159	-	-	-	159	159	-	-	-
Butt-plate screws, . . . . .	236	-	-	91	327	-	-	-	327	327	-	-	-
Cam-latches, . . . . .	55	-	-	-	55	38	-	38	17	17	-	-	15
Cam-latch springs, . . . . .	349	-	-	-	349	49	-	49	300	300	-	-	-
Cam-latch thumb-pieces, . . . . .	93	-	-	-	93	21	-	21	72	72	-	-	58
Cartridge-box studs, . . . . .	43	-	-	-	43	-	-	-	43	43	-	-	-
Ejectors, . . . . .	360	-	100	-	460	261	-	261	199	199	-	-	199
Ejector springs, . . . . .	598	-	-	-	598	129	-	129	469	469	-	-	163
Ejector-spring spindles, . . . . .	130	-	-	-	130	52	-	52	78	78	-	-	78
Ejector studs, . . . . .	11	-	-	-	11	-	-	-	11	11	-	-	-
Firing pins, . . . . .	115	-	400	-	515	390	-	390	125	125	-	-	125
Firing-pin screws, . . . . .	360	-	-	-	360	50	-	50	310	310	-	-	-
Front sights, . . . . .	72	-	100	-	172	129	-	129	43	43	-	-	43
Front-sight covers, . . . . .	18	-	100	240	358	-	-	-	358	79	279	-	100
Front-sight pins, . . . . .	-	-	100	-	100	-	-	-	100	100	-	-	-
Guard bows, . . . . .	17	-	-	-	17	2	-	2	15	15	-	-	-
Guards and triggers, . . . . .	20	-	-	-	20	1	-	1	19	19	-	-	19
Guard-bow swivels, . . . . .	113	-	-	-	113	11	-	11	102	102	-	-	102
Guard-bow swivel screws, . . . . .	73	-	-	38	111	7	-	7	104	104	-	-	73
Guard-bow nuts, . . . . .	51	-	-	12	63	-	-	-	63	63	-	-	-
Guard-bow screws, . . . . .	185	-	-	12	197	5	-	5	192	192	-	-	-
Gun stocks, . . . . .	-	-	60	3	63	53	-	53	10	10	-	-	10



TABLE No. 5—Continued.

ARTICLES.	On Hand Jan. 1, 1898.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Eye rings, . . .	5	—	—	—	5	—	—	—	5	5	—	—	—
Grease buckets, . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Hames, chains and toggles, . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Harness dressing, cans, . . .	—	12	—	—	12	5	—	5	7	7	—	—	—
Keys and chains, . . .	7	—	—	—	7	—	—	—	7	7	—	—	—
Linch-pins, . . .	89	—	—	—	89	—	—	—	89	89	—	—	—
Linch-pin washers, . . .	39	—	—	—	39	—	—	—	39	39	—	—	—
Pole keys, . . .	19	—	—	—	19	—	—	—	19	19	—	—	—
Pole yokes, . . .	5	—	—	—	5	5	—	5	5	4	1	—	—
Pole muffs, . . .	7	—	—	—	7	—	—	—	—	7	—	—	—
Pole pads, . . .	47	—	—	—	47	20	4	24	23	—	23	—	—
Rammer heads, . . .	34	—	—	—	34	13	—	13	21	21	—	—	—
Sponge heads, . . .	31	—	—	—	31	3	—	3	28	28	—	—	—
Sponge and rammer chains, . . .	5	—	—	—	5	5	—	—	5	5	—	—	—
Stay pins, . . .	51	—	—	—	51	—	—	—	51	51	—	—	—
Trail hand sockets, . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Worms, artillery, . . .	5	—	—	4	9	—	—	—	9	9	—	—	—
Wheel wrenches, . . .	2	—	—	—	2	—	—	—	2	2	—	—	—
<i>Clothing, etc.</i>													
Ambulance corps, crosses, . . .	33	—	—	—	33	5	—	5	28	1	27	—	—
Buttons, . . .	78	2,484	—	7	2,569	729	—	729	1,840	1,840	—	—	—
Blouses, . . .	2,776	—	—	6	2,782	—	63	63	2,719	2,719	—	—	—



TABLE No. 5 — Continued.

ARTICLES.	On Hand Jan. 1, 1894.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Helmet cords, . . . . .	360	-	-	-	360	108	-	108	252	39	213	-	-
Helmet front pieces, . . . . .	112	-	-	-	112	83	-	83	29	29	-	-	-
Helmet straps, . . . . .	-	400	-	-	400	123	-	123	277	277	-	-	-
Letters, . . . . .	1,484	-	-	-	1,484	64	-	64	1,420	1,420	-	-	-
Leggings, . . . . .	248	-	-	-	248	-	-	-	5,101	227	4,874	-	5,101
Plumes, artillery and cavalry, . . . . .	627	-	4,850	3	5,101	18	-	18	609	38	571	-	-
Pea jackets, . . . . .	221	245	-	-	466	1	-	1	465	-	465	-	-
Rosettes for helmets (top pieces), . . . . .	648	-	-	-	648	130	-	130	518	518	-	-	-
Service stripes, . . . . .	82	52	-	-	134	88	-	88	46	46	-	-	-
Sleeve bugles, cloth, . . . . .	55	-	-	-	55	32	-	32	23	23	-	-	-
Spikes for helmets, . . . . .	460	-	-	-	460	202	-	202	258	258	-	-	-
Stripes for trousers, . . . . .	118	179	-	-	297	138	-	138	159	159	-	-	-
Trousers, infantry, . . . . .	5,302	757	-	-	6,101	976	976	976	5,125	343	4,782	-	-
Trousers, mounted, . . . . .	655	164	-	-	819	149	-	149	670	64	606	-	-
Trousers (naval battalion), . . . . .	210	245	-	-	455	3	-	3	452	-	452	-	-
Trousers buttons, . . . . .	636	-	-	-	636	136	-	136	500	500	-	-	-
White suits (naval battalion), . . . . .	213	240	-	-	453	1	-	1	454	-	454	-	-
White caps (naval battalion), . . . . .	212	240	-	-	452	2	-	2	450	-	450	-	-
White jerseys (naval battalion), . . . . .	194	245	-	-	439	14	-	14	425	-	425	-	-
<i>Tents, etc.</i>													
Acorns, . . . . .	33	-	-	-	33	-	-	-	33	33	-	-	-
Headquarters' awnings, . . . . .	3	-	-	-	3	-	-	-	3	3	-	-	-

Mallets, . . . . .	50	-	-	50	2	-	2	48	48	-	-	-
Marquees, headquarters', . . . . .	5	-	-	5	-	-	-	5	5	-	-	-
Marquee poles, sets, . . . . .	5	-	-	5	-	-	-	5	5	-	-	-
Pin boxes, . . . . .	52	-	-	52	-	-	-	52	52	-	-	-
Tent floors, . . . . .	756	-	-	756	-	-	-	756	756	-	-	-
Tent pins, . . . . .	26,495	10,000	-	36,495	9,500	-	-	26,995	26,995	-	-	-
Wall, . . . . .	813	60	-	873	-	509	-	364	364	-	-	-
Wall flies, . . . . .	152	-	-	152	-	-	-	152	152	-	-	-
Wall uprights, . . . . .	1,992	120	-	2,112	19	-	-	2,093	2,093	-	-	-
Wall ridges, . . . . .	1,137	60	-	1,211	-	-	-	1,211	1,211	-	-	-
<i>Colors, etc.</i>												
National, . . . . .	16	1	-	17	2	-	-	15	15	14	-	-
State, . . . . .	17	1	-	18	2	-	-	16	16	14	-	-
Guidons, . . . . .	12	1	-	13	3	-	-	10	10	10	-	-
Markers, . . . . .	6	-	-	6	4	-	-	2	2	2	-	-
Right and left general guides, . . . . .	2	-	-	2	-	-	-	2	2	2	-	-
Belts and sockets, . . . . .	24	-	-	24	-	2	-	22	22	23	-	-
Staves, . . . . .	49	3	-	52	-	-	-	52	52	44	-	-
Covers, . . . . .	43	3	-	46	3	-	-	43	43	42	-	-
Brigade, . . . . .	5	-	-	5	-	-	-	5	5	5	-	-
Miscellaneous, . . . . .	21	-	-	28	-	-	-	28	28	-	-	-
Signal flags, . . . . .	77	-	-	77	13	-	-	64	20	44	-	-
Signal poles, . . . . .	42	7	-	49	7	-	-	42	42	42	-	-
Tri-color, . . . . .	1	-	-	1	-	-	-	1	1	1	-	-
<i>Books, etc.</i>												
Court Martial Law, . . . . .	5	-	-	5	-	-	-	5	5	5	-	-
Foster's Medical Manuals, . . . . .	31	-	-	31	11	-	-	20	20	20	-	-
Instructions for Cal. 45", . . . . .	216	-	-	216	12	-	-	204	126	78	-	-
												75

TABLE No. 5 — Continued.

ARTICLES.	On Hand Jan. 1, 1888.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1889.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Record books, . . .	1,078	-	-	-	1,078	251	-	251	827	-	827	-	-
Regulations, M. V. M., . . .	496	-	-	-	496	29	-	29	467	-	467	-	-
Drill Regulations, Infantry, . . .	1,000	-	-	-	1,000	56	-	56	944	212	721	-	-
Drill Regulations, Artillery, . . .	114	-	-	-	114	6	-	6	108	26	82	-	-
Drill Regulations, Cavalry, . . .	50	-	-	-	50	5	-	5	45	-	45	-	-
Wingate's Rifle Practice, . . .	58	-	-	-	58	9	-	9	49	-	49	-	-
Blunt's Manuals, . . .	105	-	-	-	105	2	-	2	103	75	28	-	-
Guard manuals, . . .	-	1,500	-	-	1,500	111	-	111	1,389	-	1,389	-	-
Military maps, . . .	14	-	-	-	14	-	-	-	14	2	12	-	-
Order files, . . .	178	86	-	8	222	36	-	36	186	-	186	-	-
Tidball's H. A. Tactics, . . .	103	-	-	-	103	-	-	-	103	-	103	-	-
Company fund books, . . .	-	100	-	-	100	-	-	-	100	8	92	-	-
<i>Miscellaneous.</i>													
Ash barrels, . . .	51	-	-	-	51	-	-	-	51	51	-	-	-
Axle-grease boxes, . . .	12	-	-	-	12	2	-	2	10	10	-	-	-
Baskets, . . .	69	12	-	-	81	3	-	3	78	78	-	-	-
Batons, drum major's, . . .	5	-	-	-	5	1	-	1	4	-	4	-	-
Bathing tubs, . . .	50	-	-	-	50	1	-	1	49	49	-	-	-
Bedsteads, camp, . . .	50	-	-	-	50	-	-	-	50	50	-	-	-
Blackboards, . . .	10	-	-	-	10	-	-	-	10	10	-	-	-
Blankets, red, pairs, . . .	140½	-	-	-	140½	-	-	-	140½	140½	-	-	-
Border cutters, . . .	2	-	-	-	2	-	-	-	2	2	-	-	-



TABLE No. 5 — Continued.

ARTICLES.	On Hand Jan. 1, 1893.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Looking-glasses, .	8	-	-	-	8	1	-	1	7	7	-	-	-
Marking brushes, .	48	-	-	-	48	-	-	-	48	48	-	-	-
Mud brushes, .	1	-	-	-	1	-	-	-	1	1	-	-	-
Mattresses, .	114	-	-	-	114	-	-	-	114	114	-	-	-
Oil cans, .	2	-	-	-	2	-	-	-	3	3	-	-	-
Pick-axes, .	75	-	-	1	75	-	-	-	75	65	10	-	-
Pick-axe helvies, .	11	-	-	-	11	-	-	-	11	11	-	-	-
Pillows, .	96	-	-	-	96	-	-	-	96	96	-	-	-
Pillow-cases, .	33	-	-	-	33	-	-	-	33	33	-	-	-
Pin jacks, .	2	-	-	-	2	-	-	-	2	2	-	-	-
Pipe wrenches, .	6	-	-	-	6	-	-	-	6	6	-	-	-
Pumps, .	1	-	-	-	1	-	-	-	1	1	-	-	-
Pump-spouts, .	15	-	-	-	15	-	-	-	15	15	-	-	-
Platform scales, .	1	-	-	-	1	-	-	-	1	1	-	-	-
Rakes, .	65	-	-	-	65	-	-	-	65	65	-	-	-
Rakes, wood, .	6	-	-	-	6	-	-	-	6	6	-	-	-
Screens, H. Q., .	1	-	-	-	1	-	-	-	1	1	-	-	-
Sentry boxes, .	5	-	-	-	5	-	-	-	5	5	-	-	-
Settees, .	8	-	-	-	8	-	-	-	14	14	-	-	-
Scales, copper, .	1	-	-	6	14	-	-	-	1	1	-	-	-
Sheets, .	64	-	-	-	64	-	-	-	54	54	-	-	-
Sheepskins, .	26	-	-	-	26	-	-	-	22	22	-	-	-
Shovels, .	37	-	-	-	37	4	-	4	37	25	12	-	-



TABLE No. 5—Continued.

ARTICLES.	On Hand Jan. 1, 1893.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Sundry shot and shell,	38	-	-	-	38	-	-	-	38	38	-	-	-
Shot gauges, .	19	-	-	-	19	-	-	-	19	19	-	-	-
Ship's gun truck,	1	-	-	-	1	-	-	-	1	1	-	-	-
Windsor rifle, .	1	-	-	-	1	-	-	-	1	1	-	-	-
Sample rifles, .	17	-	-	-	17	-	-	-	17	17	-	-	-
Sample carbines,	4	-	-	-	4	-	-	-	4	4	-	-	-
Sample bayonets,	14	-	-	-	14	-	-	-	14	14	-	-	-
<i>Mortar Implements.</i>													
Baskets for implements,	4	-	-	-	4	-	-	-	4	2	2	-	-
Bed stakes, .	24	-	-	-	24	-	-	-	24	24	-	-	-
Budge barrels, .	2	-	-	-	2	-	-	-	2	2	-	-	-
Corn brooms, .	1	-	-	-	1	-	-	-	1	-	1	-	-
Elevating bars, .	6	-	-	-	6	-	-	-	6	-	2	-	-
Fuze mallets, .	2	-	-	-	2	-	-	-	1	1	2	-	-
Fuze saws, .	3	-	-	-	3	-	-	-	3	2	1	-	-
Fuze setters, .	6	-	-	-	6	-	-	-	6	6	4	-	-
Gunner's haversacks, .	7	-	-	-	7	-	-	-	6	2	-	-	-
Handspikes, .	29	-	-	-	29	-	-	-	25	21	4	-	-
Lanyards, .	4	-	-	-	4	-	-	-	3	2	1	-	-
Leather buckets, .	1	-	-	-	1	-	-	-	1	-	1	-	-
Mauls, .	1	-	-	-	1	-	-	-	1	-	-	-	-



TABLE No. 5. — Continued.

ARTICLES.	On Hand Jan. 1, 1899.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Pass boxes, . . . . .	2	1	1	1	2	1	1	1	2	1	1	1	1
Priming wires, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1
Rammers and staves, 10-in., . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
Sets floor boards, . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
Shell-hooks, pairs, . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
Sponge buckets, . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
Sponges and staves, 10-in., . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
Tomplions, 10-in., . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
Vent covers, . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
Wrenches, . . . . .	2	2	2	2	2	1	1	1	2	1	1	1	1
<i>Cooking Utensils — Headquarters.</i>													
Cooking range, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1
Broilers, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1
Ships' boilers, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1
Bakers, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1
Coal hods, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1
Iron poker, . . . . .	2	2	2	2	2	2	2	2	2	2	2	2	2
Potato boiler, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1
Meat-pans, square, . . . . .	9	9	9	9	9	6	6	6	6	6	6	6	6
Meat-pans, long, . . . . .	4	4	4	4	4	4	4	4	4	4	4	4	4
Tin bread-pans, . . . . .	4	4	4	4	4	4	4	4	4	4	4	4	4
Tin mixing-pans, . . . . .	1	1	1	1	1	1	1	1	1	1	1	1	1

Broiling irons, . . . . .	7	-	-	-	71	2	4	2	-	2	5	-
Tin baking-cups, . . . . .	71	-	-	-	3	2	4	4	-	67	67	-
Steamers, . . . . .	3	-	-	-	4	1	-	1	-	3	3	-
Large stove-pans, . . . . .	4	-	-	-	4	1	-	1	-	3	3	-
Malleable iron kettles, . . . . .	4	-	-	-	4	-	-	-	-	4	4	-
Small stove-pans, . . . . .	1	-	-	-	1	-	-	-	-	1	1	-
Ladles, . . . . .	1	-	-	-	1	-	-	-	-	1	1	-
Skimmers, . . . . .	1	-	-	-	1	-	-	1	-	-	-	-
Chopping trays, . . . . .	1	-	-	-	1	-	-	-	-	1	1	-
<i>Horses, Wagons, Tools, Imple-</i> <i>ments, etc., in use at Arsenal.</i>												
Horses, . . . . .	2	-	-	-	2	2	-	-	-	2	2	-
Express wagon, large, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Express wagon, small, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Buggies, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Sleighs, . . . . .	2	-	-	-	2	2	-	-	-	2	2	-
Double harnesses, . . . . .	2	-	-	-	2	2	-	-	-	2	2	-
Single harnesses, . . . . .	3	-	-	-	3	3	-	-	-	3	3	-
Fur robes, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Woollen robes, . . . . .	2	-	-	-	2	2	-	-	-	2	2	-
Ploughs, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Snow-ploughs, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Manure spreaders, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Hay cutters, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Grass mowers, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Road scrapers, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Post spoons, . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Road rollers (2-horse), . . . . .	1	-	-	-	1	1	-	-	-	1	1	-
Manure forks, . . . . .	2	-	-	-	2	2	-	-	-	2	2	-

TABLE No. 5—Concluded.

ARTICLES.	On Hand Jan. 1, 1888.	Purchased.	Received from United States.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At State Arsenal.	In Possession of Militia.	In Possession of Cities, Towns, etc.	Property of the United States.
Hay forks, . . . . .	4	—	—	—	4	—	—	—	4	4	—	—	—
Hand rollers, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Measures ( $\frac{1}{4}$ bu.), . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Measures ( $\frac{1}{2}$ pk.), . . . . .	2	—	—	—	2	—	—	—	2	2	—	—	—
Whips, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Clipping machines, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Horse rakes, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Horse covers, oil, . . . . .	2	—	—	—	2	—	—	—	2	2	—	—	—
<i>Apparatus for Water Supply.</i>													
Tubular boilers (15 horse-power), . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Steam pumps, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Chapman valves, . . . . .	6	—	—	—	6	—	—	—	6	6	—	—	—
Fire hydrant, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Morgan gate boxes, . . . . .	17	—	—	—	17	—	—	—	17	17	—	—	—
Self-closing faucets, . . . . .	103	—	—	—	103	—	—	—	103	103	—	—	—
Water gauge, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Automatic regulator, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Copper sand box, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Steam gauge, . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Tank (1,500 gallons), . . . . .	1	—	—	—	1	—	—	—	1	1	—	—	—
Water barrels, . . . . .	8	—	—	—	8	—	—	—	8	8	—	—	—



TABLE No. 6. — *Property at State Armories.*

ARTICLES.	On Hand Jan. 1, 1893.	Purchased.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At South Army.	At East Army.	At Lowell Army.	At Worcester Army.	At Fitchburg Army.	At Lawrence Army.
Army record and frame,	1			1				1	1	1	1	1	1	1
Ash barrels, . . .	20			20				20						
Axes, . . .	3			3				3						
Bailey planes, . . .	1			1				1						
Barrows, tubular, . . .	1			1				1						
" wheel, . . .	2			2				2						
Baskets, . . .	6			6	2		2	4	2	3				
Bookcases, . . .	4			4	1		1	2	2	2				
Books, blank, . . .	3			3				3						
" property, . . .	3	2		5	2		2	1		1				
" receipt, . . .	5			5	1		1	4		1				
" record, . . .	6			6				6						
Boiler glasses, . . .	1			1				1						
Brands, . . .	22	1		23				22		1				
Brooms, corn, . . .	29	10		39	10		10	12		6		6	13	
" floor, . . .	5	1		6	8		8	31		1		6	3	
Brushes, dust, . . .	18	14		32	10		10	12	1	4	3	6	3	4
" floor, 36-in., . . .	11	6		17				17	2	5				
" furniture, . . .	1			1				1	12					
" scrub, . . .	5			5	4		4	1						
" window, . . .	3	4		7				7						
Bulletin boards, . . .	7	1		8				8	5	1	4	1	1	1



TABLE No. 6 — Continued.

ARTICLES.	On Hand Jan. 1, 1893.	Purchased.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At South Army.	At East Army.	At Lowell Army.	At Worcester Army.	At Fitchburg Army.	At Lawrence Army.
Handles, mop, . . .	31	18	-	49	18	-	18	31	6	2	11	6	-	6
" " window brush, . .	2	-	-	2	-	-	-	2	1	1	-	-	-	-
" 36-in. floor brushes,	17	-	-	17	-	-	-	17	12	5	-	-	-	-
Nail yards, . . .	4	3	-	7	1	-	1	6	1	1	1	1	1	1
Hammers, . . .	3	-	-	3	-	-	-	3	1	1	-	-	-	-
Hampers, . . .	1	2	-	3	-	-	-	3	2	1	-	-	-	-
Harness trucks, . . .	-	6	-	6	-	-	-	6	-	-	-	-	-	6
Hatchets, . . .	1	-	-	1	-	-	-	1	-	-	-	-	-	-
Hoes, . . .	6	1	-	7	-	-	-	7	2	1	1	1	1	1
Hose, feet, . . .	400	250	-	650	100	-	100	550	150	200	-	100	50	50
Hose reels, . . .	1	1	-	2	-	-	-	2	1	1	-	-	-	-
Iron shaker, . . .	1	1	-	1	-	-	-	1	1	1	-	-	-	-
Key boards, . . .	2	-	-	2	-	-	-	2	-	62	-	50	-	-
Key tags, . . .	211	-	-	211	-	-	-	211	99	-	-	-	-	-
Lime, . . .	58	-	-	58	-	-	-	58	-	-	-	-	-	-
Lime, yards, . . .	58	-	-	58	-	-	-	58	-	-	-	-	-	-
Ladders, . . .	4	-	-	4	-	-	-	4	2	1	-	1	1	1
Ladders, step, . . .	8	7	-	15	-	-	-	15	2	2	3	2	3	3
Lanterns, . . .	10	-	-	10	-	-	-	10	3	2	-	2	3	-
Letter boxes, . . .	46	4	-	50	-	-	-	50	24	16	5	1	1	4
Lawn mowers, . . .	1	-	-	1	-	-	-	1	-	-	-	-	-	-
Library stamps, . . .	1	-	-	1	-	-	-	1	1	-	-	-	-	-
Lighters, . . .	4	2	-	6	-	-	-	6	-	3	1	-	-	2
Lockers, . . .	1,337	-	-	1,337	-	-	-	1,337	717	543	77	-	-	-

Lockers, officers', . . .	119	58	177	153 $\frac{1}{2}$	153 $\frac{1}{2}$	153 $\frac{1}{2}$	177	79	40	2	39 $\frac{1}{2}$	27 $\frac{1}{2}$	58
Mats, door, . . .	4	1	5	-	-	-	5	1	-	-	2	-	-
Mats, rope, . . .	2	-	2	-	-	-	2	-	-	-	1	3	-
" rubber, . . .	8	-	8	-	-	-	8	3	1	-	1	1	-
" wire, . . .	1	1	2	-	-	-	2	-	-	-	-	-	-
Mattings, yards, . . .	408 $\frac{1}{2}$	-	408 $\frac{1}{2}$	153 $\frac{1}{2}$	153 $\frac{1}{2}$	153 $\frac{1}{2}$	254 $\frac{1}{2}$	-	187 $\frac{1}{2}$	-	1	27 $\frac{1}{2}$	-
Mirrors, . . .	1	-	1	-	-	-	1	-	-	-	1	-	-
Monkey wrenches, . . .	2	-	2	-	-	-	2	1	-	-	-	-	-
Mops, . . .	28	36	59	30	30	30	29	7	5	5	-	6	6
Nozzles, . . .	3	2	5	1	1	1	4	1	1	-	1	1	1
Oak chests, . . .	-	2	2	-	-	-	2	-	2	-	1	2	2
Oil cans, . . .	7	-	7	-	-	-	7	2	-	-	1	-	-
Padlocks, . . .	3	-	3	-	-	-	3	-	-	-	3	-	-
Pails, water, . . .	38	6	44	-	-	-	44	10	11	5	6	6	6
Pails, garbage, . . .	1	-	1	-	-	-	1	-	-	-	-	-	-
Pictures, . . .	3	-	4	-	-	-	4	1	-	-	1	-	-
Pokers, . . .	3	1	4	-	-	-	4	1	1	-	1	-	1
Pliers, . . .	2	-	2	-	-	-	2	1	1	-	1	-	-
Prentiss vises, . . .	1	-	1	-	-	-	1	-	-	-	-	-	-
Pulley blocks, pairs, . . .	1	-	1	-	-	-	1	-	-	-	-	-	-
Putty knives, . . .	2	-	2	-	-	-	2	-	1	-	1	-	-
Racket braces, . . .	1	-	1	-	-	-	1	-	-	-	-	-	-
Rakes, . . .	3	-	3	-	-	-	3	-	1	-	1	-	-
Rubber stamps, . . .	1	-	1	-	-	-	1	-	1	-	2	-	-
Rulers, . . .	3	-	3	-	-	-	3	1	2	-	-	-	-
Sofas, . . .	1	-	1	-	-	-	1	-	-	-	1	-	-
Sash pulls, . . .	1	1	1	-	-	-	1	-	-	-	-	-	1
Saws, . . .	3	-	3	-	-	-	3	1	1	-	1	-	-
Scoops, . . .	2	-	2	-	-	-	2	2	-	-	-	-	-
Screwdrivers, . . .	4	-	4	-	-	-	4	1	2	-	1	-	-

TABLE No. 6 — Concluded.

ARTICLES.	On Hand Jan. 1, 1888.	Purchased.	Manufactured and recovered.	Total to be accounted for.	Expended.	Condemned Articles sold.	Total disposed of.	Remaining on Hand Jan. 1, 1894.	At South Army.	At East Army.	At Lowell Army.	At Worcester Army.	At Fitchburg Army.	At Lawrence Army.
Settees, feet, .	3,224	348		3,572	-	-	-	3,572	1,172	1,147	473	96	336	348
Sheep shears, .	1			1	-	-	-	1	2	2	1	1	1	1
Shipman's files, .	7	1		8	-	-	-	8	-	1	1	1	1	1
Shovels, .	2	1		3	-	-	-	4	-	1	1	1	1	1
“ coal, .	4			4	-	-	-	4	-	1	1	1	1	1
“ snow, .	19	1		14	-	-	-	14	4	3	-	6	1	1
Slice bar, .	3	1		4	-	-	-	4	3	2	-	1	1	1
Sponges, .	8	6		14	6	-	5	9	3	2	-	1	4	1
Steps, .	3	-		3	-	-	-	3	2	2	-	1	1	1
Shaking levers, .	4	-		4	-	-	-	4	3	3	2	1	1	1
Tables, .	10	-		10	-	-	-	10	99	99	-	-	-	-
Tags, .	99	-		99	-	-	-	99	-	-	-	-	-	-
Towels, .	-	6		6	-	-	-	6	-	-	-	6	-	-
Towel racks, .	1	-		1	-	-	-	1	-	-	-	1	-	-
Tube scrapers, .	4	-		4	-	-	-	4	-	1	-	1	1	1
Trucks, .	1	-		1	-	-	-	1	-	1	1	1	-	-
Tackle, .	2	-		2	-	-	-	2	1	1	1	1	-	-
Wardrobes, .	10	-		10	-	-	-	10	1	1	8	1	-	-
Wrenches, Coe's black, .	2	-		2	-	-	-	2	-	-	-	-	-	-
“ Stillson, .	3	-		3	-	-	-	3	1	1	-	2	-	-

## CASUALTIES.

NAME AND RANK.	Residence.	Co.	Organization.	Date of Commission.	Date of Discharge.	Remarks.
<i>Colonel, Assistant Quartermaster General.</i> Jeremiah W. Coveney, . . . . .	Cambridge, .	Staff,	Commander-in-Chief, .	Jan. 8, 1891,	May 25, 1893,	Resigned.
<i>Colonel.</i> J. Albert Mills, . . . . .	Newburyport, .	-	8th Regiment, . .	June 10, 1890,	June 20, 1893,	Dismissed.
<i>Major.</i> William W. Kellett, . . . . .	Boston, . .	-	1st Regiment, . .	Dec. 10, 1888,	April 10, 1893,	Died.
George A. Copeland, . . . . .	Revere, . .	-	8th Regiment, . .	June 16, 1894,	June 20, 1893,	Special Order No. 73.
George S. Merrill, . . . . .	Lawrence, . .	-	1st Battalion Artillery,	Aug. 11, 1873,	May 9, 1893,	Resigned.
<i>Assistant Inspector General Rifle Practice</i> <i>(Major).</i> James P. Frost, . . . . .	Boston, . .	Staff,	2d Brigade, . . .	July 14, 1887,	Jan. 6, 1893,	Died.
<i>Surgeon Major.</i> Frank M. Johnson, . . . . .	Boston, . .	Staff,	1st Battalion Artillery,	July 17, 1889,	May 26, 1893,	Resigned.
Harry M. Cutts, . . . . .	Brookline, . .	Staff,	Naval Brigade, . .	Mar. 22, 1893,	Nov. 7, 1893,	Resigned.
<i>Surgeon (Lieutenant Junior Grade).</i> James G. Mumford, . . . . .	Boston, . .	Staff,	Naval Battalion, . .	Sept. 20, 1892,	Jan. 11, 1893,	Resigned.
<i>Asst. Surgeon (Lieutenant Junior Grade).</i> Gardner W. Allen, . . . . .	Boston, . .	Staff,	Naval Battalion, . .	Mar. 22, 1893,	Nov. 7, 1893,	Resigned.
<i>Adjutant (Lieutenant).</i> Franklin D. Williams, . . . . .	Brookline, . .	Staff,	Naval Brigade, . .	Mar. 22, 1893,	Nov. 1, 1893,	Resigned.

*Casualties — Continued.*

NAME AND RANK.	Residence.	Co.	Organization.	Date of Commission.	Date of Discharge.	Remarks.
<i>Quartermaster (Captain).</i>						
Harry E. Converse, . . . .	Malden, . .	Staff,	2d Brigade, . .	April 21, 1888,	Mar. 30, 1893,	Resigned.
<i>Provost Marshal (Captain).</i>						
George A. Pierce, . . . .	Newton, . .	Staff,	2d Brigade, . .	April 13, 1891,	Jan. 20, 1893,	Died.
<i>Quartermaster (1st Lieutenant).</i>						
Norman Y. Brinnull, . . . .	Boston, . .	Staff,	8th Regiment, . .	June 17, 1891,	Nov. 14, 1893,	Resigned.
Charles Kenney, . . . .	Boston, . .	Staff,	1st Battalion Artillery,	Feb. 6, 1890,	May 24, 1893,	Successor appointed.
<i>Paymaster (1st Lieutenant).</i>						
Henry Hastings, . . . .	Medford, . .	Staff,	1st Battalion Artillery,	Feb. 6, 1890,	May 24, 1893,	Successor appointed.
<i>Inspector Rifle Practice (1st Lieutenant).</i>						
John Bellamy, . . . .	Newton, . .	Staff,	1st Battalion Cavalry,	July 14, 1887,	June 26, 1893,	Resigned.
<i>Captains.</i>						
Richard W. Sutton, . . . .	Cambridge, .	B,	5th Regiment, . .	Dec. 2, 1889,	June 28, 1893,	General Order No. 10.
Marcus L. Dillaber, . . . .	Southbridge, .	K,	6th Regiment, . .	Mar. 6, 1891,	Feb. 18, 1893,	Resigned.
George E. Lull, . . . .	Lowell, . .	C,	6th Regiment, . .	Aug. 26, 1891,	Sept. 23, 1893,	Resigned.
John T. Berrill, . . . .	Millford, . .	M,	6th Regiment, . .	Oct. 26, 1891,	April 14, 1893,	Resigned.
Benjamin H. Jellison, . . . .	Haverhill, . .	F,	8th Regiment, . .	Jan. 18, 1894,	Feb. 6, 1893,	General Order No. 4.
Andrew Reeves, . . . .	No. Andover, .	L,	8th Regiment, . .	April 2, 1888,	Mar. 1, 1893,	Resigned.
William B. Potter, . . . .	Marblehead, .	C,	8th Regiment, . .	Aug. 30, 1889,	June 21, 1893,	Resigned.

Ludus H. Perry, . . . . .	Beverly, . . .	E,	8th Regiment, . .	Mar. 18, 1892,	Mar. 29, 1893,	Resigned.
Alexander A. Kane, . . . . .	Natick, . . .	L,	9th Regiment, . .	May 5, 1890,	Nov. 11, 1893,	Resigned.
Patrick T. Sullivan, . . . . .	Boston, . . .	C,	9th Regiment, . .	May 12, 1890,	Mar. 10, 1893,	Resigned.
Timothy E. McCarthy, . . . . .	Boston, . . .	C,	9th Regiment, . .	May 4, 1893,	May 31, 1893,	Rejected.
William H. Hoemer, . . . . .	Lowell, . . .	D,	2d Corps Cadets, . .	May 1, 1891,	Nov. 7, 1893,	Resigned.
Addison D. Nichols, . . . . .	Boston, . . .	A,	1st Battalion Cavalry, . .	Jan. 27, 1891,	Feb. 3, 1893,	Resigned.
Charles W. Osgood, . . . . .	Salem, . . .	C,	2d Corps Cadets, . .	July 20, 1888,	Dec. 31, 1893,	Resigned.
<i>First Lieutenants.</i>						
Harry G. Winsor, . . . . .	Brockton, . . .	I,	1st Regiment, . .	April 6, 1891,	Nov. 11, 1893,	Resigned.
Paul R. Hawkins, . . . . .	Springfield, . .	B,	2d Regiment, . .	Sept. 8, 1890,	Dec. 15, 1893,	Resigned.
Herbert M. Gragg, . . . . .	Waltham, . . .	F,	5th Regiment, . .	Jan. 12, 1891,	April 12, 1893,	Resigned.
Walter H. Small, . . . . .	Hudson, . . .	M,	5th Regiment, . .	May 12, 1891,	May 9, 1893,	Resigned.
William C. Twombly, . . . . .	Waltham, . . .	F,	5th Regiment, . .	May 8, 1893,	June 22, 1893,	Resigned.
Frank H. Wood, . . . . .	Hudson, . . .	M,	5th Regiment, . .	June 30, 1893,	Sept. 20, 1893,	Resigned.
Walter L. Tongas, . . . . .	Milford, . . .	M,	6th Regiment, . .	Oct. 26, 1891,	May 17, 1893,	Resigned.
Arthur I. Hunting, . . . . .	So. Framingham, .	E,	6th Regiment, . .	Oct. 30, 1893,	Nov. 22, 1893,	Rejected.
Charles S. Pope, . . . . .	Salem, . . .	H,	8th Regiment, . .	June 3, 1896,	Mar. 29, 1893,	Resigned.
Arthur M. Whitten, . . . . .	Somerville, . . .	M,	8th Regiment, . .	Oct. 12, 1891,	Nov. 2, 1893,	Resigned.
William E. Connor, . . . . .	Amesbury, . . .	B,	8th Regiment, . .	April 11, 1892,	April 10, 1893,	Resigned.
Patrick A. Fitzgerald, . . . . .	Salem, . . .	H,	8th Regiment, . .	April 17, 1893,	May 27, 1893,	Failed to qualify.

*Casualties — Concluded.*

NAME AND RANK.	Residence.	Co.	Organization.	Date of Commission.	Date of Discharge.	Remarks.
Bernard J. Wilnot, . . . . .	Worcester, . .	G,	9th Regiment, . .	May 10, 1887,	Mar. 6, 1893,	Resigned.
Charles M. Hunter, . . . . .	Natick, . .	L,	9th Regiment, . .	May 9, 1892,	Sept. 20, 1893,	Resigned.
William B. Nichols, . . . . .	Allston, . .	D,	2d Corps Cadets, . .	June 22, 1891,	April 13, 1893,	Resigned.
Henry G. Hall, . . . . .	Salem, . .	D,	Naval Brigade, . .	Mar. 25, 1890,	Dec. 29, 1893,	Resigned.
Frank N. Brown, . . . . .	Newtonville, . .	B,	Naval Brigade, . .	May 4, 1891,	April 24, 1893,	Resigned.
Joseph Battles, . . . . .	Lawrence, . .	H,	Naval Brigade, . .	Dec. 13, 1892,	Oct. 27, 1893,	Resigned.
<i>Second Lieutenants.</i>						
Reed L. Elliott, . . . . .	Cambridge, . .	L,	1st Regiment, . .	Sept. 2, 1891,	June 22, 1893,	Resigned.
Frank A. Bardwell, . . . . .	Amherst, . .	K,	2d Regiment, . .	May 2, 1889,	Mar. 15, 1893,	Resigned.
Joseph B. Farley, . . . . .	Orange, . .	E,	2d Regiment, . .	April 3, 1890,	Mar. 18, 1893,	Resigned.
Edward A. Moore, . . . . .	Boston, . .	A,	5th Regiment, . .	Nov. 17, 1890,	June 11, 1893,	Died.
Pliny E. Graves, . . . . .	Hudson, . .	M,	5th Regiment, . .	Nov. 18, 1890,	June 20, 1893,	Resigned.
George F. Millett, . . . . .	Waltham, . .	F,	5th Regiment, . .	Oct. 19, 1891,	April 24, 1893,	Resigned.
Thomas F. English, . . . . .	Marlborough, . .	F,	6th Regiment, . .	Jan. 19, 1893,	Jan. 25, 1893,	Rejected.
William A. Brown, . . . . .	So. Framingham, . .	E,	6th Regiment, . .	Jan. 23, 1893,	Nov. 1, 1893,	Resigned.
Otis S. Vaughn, . . . . .	Marlborough, . .	F,	6th Regiment, . .	Dec. 18, 1893,	Dec. 20, 1893,	Rejected.
Winfield S. Dennison, . . . . .	Gloucester, . .	G,	8th Regiment, . .	Jan. 16, 1891,	Feb. 6, 1893,	General Order No. 6.

William McKay,	.	.	.	.	.	.	.	.	.	F,	Haverhill,	.	.	.	.	8th Regiment,	.	.	Mar. 14, 1893,	April 26, 1893,	Failed to qualify.
Edward F. Gibbs,	.	.	.	.	.	.	.	.	.	G,	Gloucester,	.	.	.	.	8th Regiment,	.	.	April 11, 1893,	April 26, 1893,	Rejected.
Henry R. Nelson,	.	.	.	.	.	.	.	.	.	H,	Salem,	.	.	.	.	8th Regiment,	.	.	April 17, 1893,	May 27, 1893,	Failed to qualify.
Benjamin Mitchell,	.	.	.	.	.	.	.	.	.	C,	Marblehead,	.	.	.	.	8th Regiment,	.	.	July 3, 1893,	July 12, 1893,	Rejected.
Joseph P. Basson,	.	.	.	.	.	.	.	.	.	C,	Marblehead,	.	.	.	.	8th Regiment,	.	.	July 19, 1893,	Aug. 24, 1893,	Rejected.
Michael J. Sullivan,	.	.	.	.	.	.	.	.	.	G,	Worcester,	.	.	.	.	9th Regiment,	.	.	May 10, 1887,	July 7, 1893,	Resigned.
Richard H. Foley,	.	.	.	.	.	.	.	.	.	E,	Boston,	.	.	.	.	9th Regiment,	.	.	Oct. 28, 1888,	Dec. 22, 1893,	General Order No. 16.
William J. Mildrum,	.	.	.	.	.	.	.	.	.	H,	East Boston,	.	.	.	.	9th Regiment,	.	.	Feb. 11, 1890,	Nov. 28, 1893,	Resigned.
John J. Maguire,	.	.	.	.	.	.	.	.	.	C,	Boston,	.	.	.	.	9th Regiment,	.	.	June 16, 1891,	April 20, 1893,	Resigned.
Charles O'Connell,	.	.	.	.	.	.	.	.	.	M,	Lowell,	.	.	.	.	9th Regiment,	.	.	July 9, 1891,	Feb. 24, 1893,	Resigned.
John J. Grogan,	.	.	.	.	.	.	.	.	.	C,	Boston,	.	.	.	.	9th Regiment,	.	.	May 4, 1893,	May 31, 1893,	Rejected.
George D. Kelley,	.	.	.	.	.	.	.	.	.	B,	Worcester,	.	.	.	.	1st Batt'n Artillery,	.	.	April 1, 1892,	Jan. 28, 1893,	Resigned.
Frank Foster Tripp,	.	.	.	.	.	.	.	.	.	B,	Roxbury,	.	.	.	.	Naval Brigade,	.	.	May 4, 1891,	Jan. 24, 1893,	Resigned.
Charles E. Brownell,	.	.	.	.	.	.	.	.	.	G,	New Bedford,	.	.	.	.	Naval Brigade,	.	.	Nov. 28, 1892,	Mar. 29, 1893,	Resigned.
William N. Dudley,	.	.	.	.	.	.	.	.	.	C,	Boston,	.	.	.	.	Naval Brigade,	.	.	Mar. 28, 1893,	July 7, 1893,	Resigned.

*Retirements.*

NAME AND RANK.	Residence.	Co.	Organization.	Date of Commission.	Date of Retirement.	Remarks.
<i>Lieutenant Colonel.</i> Frederick W. Merriam, . . . .	North Adams, .	-	2d Regiment, . .	Feb. 2, 1889,	Oct. 6, 1893,	Rank, Colonel.
<i>Captain.</i> Horace W. Wilson, . . . .	Carlisle, . .	F,	Cavalry, . . . .	Dec. 21, 1888,	Sept. 1, 1893,	Rank, Captain.
<i>Paymaster (1st Lieutenant).</i> John G. Warner, . . . .	Lynn, . . . .	-	8th Regiment, . .	July 28, 1879,	Nov. 9, 1893,	Rank, Captain.

*Summary of Casualties.*

	Retired.	Resigned.	Failed to pass Examination.	Failed to qualify.	Dismissed.	Discharged by Order.	Died.	Successor appointed.	Total.
Colonel, . . .	-	-	-	-	1	-	-	-	1
Lieut. Colonel, . .	1	-	-	-	-	-	-	-	1
Majors, . . .	-	1	-	-	-	1	18	-	3
Captains, . . .	1	11	1	-	-	2	-	-	15
First Lieutenants, .	-	16	1	1	-	-	-	-	18
Second Lieutenants, .	-	14	6	2	-	2	1	-	25
Staff Officers, . .	1	9	-	-	-	-	2	2	14
	3	51	8	3	1	5	4	2	77

*Commissions Vacant Dec. 31, 1893.*

	Major.	Surgeon.	Assistant Surgeon.	Adjutant.	Chaplain.	Captain.	1st Lieutenant.	2d Lieutenant.	Lieut. Junior Grade.	Ensign.	Total.
Second Brigade, . .	1	-	-	-	-	-	-	-	-	-	1
First Regiment, . .	-	-	-	-	-	-	-	2	-	-	2
Second Regiment, .	-	-	-	-	-	-	1	-	-	-	1
Sixth Regiment, . .	-	-	-	-	-	-	-	1	-	-	1
Eighth Regiment, .	-	1	1	-	-	-	1	1	-	-	4
Ninth Regiment, . .	-	-	-	-	-	-	-	2	-	-	2
First Corps Cadets, .	-	-	-	-	1	-	-	-	-	-	1
Second Corps Cadets, .	-	-	-	-	-	2	-	-	-	-	2
First Battalion Artillery,	-	-	-	-	1	-	-	-	-	-	1
Naval Brigade, . .	-	-	-	-	-	-	-	-	1	1	2
	1	1	1	-	2	2	2	6	1	1	17

*Discharges and Loss of Enlisted Men other than by Expiration  
of Term of Service.*

ORGANIZATION.	Company.	By Order.	Promotion.	Died.
First Brigade, N. C. S., . . .	-	1	-	-
First Brigade, Signal Corps, . .	-	12	-	-
First Brigade, Ambulance Corps, .	-	3	-	-
		16	-	-
Second Brigade, N. C. S., . . .	-	-	3	-
Second Brigade, Signal Corps, . .	-	10	-	-
Second Brigade, Ambulance Corps, .	-	4	-	-
		14	3	-
First Regiment Infantry, Head- quarters, . . . . .	-	6	-	1
	A,	30	-	-
	B,	33	-	-
	C,	31	-	-
	D,	16	-	-
	E,	21	-	-
	F,	12	1	-
	G,	28	-	-
	H,	19	-	-
	I,	11	-	-
	K,	35	-	-
	L,	21	-	-
	M,	8	-	-
		271	1	1
Second Regiment Infantry, Head- quarters, . . . . .	-	10	-	-
	A,	16	-	-
	B,	17	-	1
	C,	2	-	1
	D,	10	-	1
	E,	18	1	-
	F,	3	-	-
	G,	19	-	-
	H,	8	-	1
	I,	27	1	-
	K,	12	-	-
	L,	12	-	-
	M,	4	2	-
		158	4	4

*Discharges and Loss of Enlisted Men, etc. — Continued.*

ORGANIZATION.	Company.	By Order.	Promotion.	Died.
Fifth Regiment Infantry, Headquarters, . . . . .	-	11	-	-
	A,	25	-	-
	B,	21	1	-
	C,	19	1	-
	D,	23	-	-
	E,	18	1	-
	F,	19	3	-
	G,	6	1	-
	H,	24	2	1
	I,	18	-	-
	K,	18	-	-
	L,	11	-	-
	M,	6	2	-
		214	11	1
Sixth Regiment Infantry, Headquarters, . . . . .	-	20	1	-
	A,	33	1	-
	B,	14	-	-
	C,	14	1	-
	D,	16	1	-
	E,	9	3	-
	F,	16	2	-
	G,	15	-	-
	H,	5	-	-
	I,	9	-	-
	K,	7	1	-
	L,	6	-	-
	M,	23	-	-
		187	10	1
Eighth Regiment Infantry, Headquarters, . . . . .	-	8	2	-
	A,	22	-	-
	B,	17	-	1
	C,	8	1	1
	D,	6	-	-
	E,	22	1	-
	F,	20	2	-
	G,	16	2	-
	H,	6	-	-
	I,	16	1	-
	K,	10	-	-
	L,	15	-	-
	M,	18	1	-
		185	10	2

*Discharges and Loss of Enlisted Men, etc. — Concluded.*

ORGANIZATION.	Company.	By Order.	Promotion.	Died.
Ninth Regiment Infantry, Headquarters, . . . . .	-	1	-	-
	A,	22	1	-
	B,	12	-	-
	C,	25	-	1
	D,	15	-	1
	E,	13	-	-
	F,	11	-	-
	G,	9	1	-
	H,	16	-	-
	I,	13	-	-
	K,	13	-	-
	L,	6	2	-
	M,	17	1	-
		173	5	2
First Corps Cadets, . . . . .	-	16	5	1
Second Corps Cadets, . . . . .	-	26	5	1
Naval Brigade, Headquarters, . . . . .	-	3	2	-
	A,	10	3	-
	B,	8	2	1
	C,	15	3	-
	D,	12	2	-
	E,	16	2	-
	F,	7	-	-
	G,	19	3	-
	H,	16	-	-
		106	17	1
First Battalion Artillery, Headquarters, . . . . .	-	3	1	-
Battery, . . . . .	B,	25	-	-
	C,	19	1	-
		47	2	-
Battery A, Light Artillery, . . . . .	-	33	-	-
First Battalion Cavalry, Headquarters, . . . . .	-	-	1	-
First Battalion Cavalry (Troop), . . . . .	A,	9	1	-
First Battalion Cavalry (Troop), . . . . .	D,	24	1	-
		33	3	-
Troop F, Cavalry, . . . . .	-	21	-	-

*Summary.*

ORGANIZATION.	Company.	By Order.	Promotion.	Died.
First Brigade, . . . .	-	16	-	-
Second Brigade, . . . .	-	14	3	-
First Regiment Infantry, . .	-	271	1	1
Second Regiment Infantry, . .	-	158	4	4
Fifth Regiment Infantry, . .	-	214	11	1
Sixth Regiment Infantry, . .	-	187	10	1
Eighth Regiment Infantry, . .	-	185	10	2
Ninth Regiment Infantry, . .	-	173	5	2
First Corps Cadets, . . . .	-	16	5	1
Second Corps Cadets, . . . .	-	26	5	1
Naval Brigade, . . . .	-	106	17	1
First Battalion Cavalry, . .	-	33	3	-
Troop F, Cavalry, . . . .	-	21	-	-
First Battalion Light Artillery, .	-	47	2	-
Battery A, Light Artillery, . .	-	33	-	-
	-	1,500	76	14



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# REGISTER.

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## REGISTER.

More than one term as an enlisted man is denoted 2d, 3d, etc.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Governor and Commander-in-Chief.</i> William Eustis Russell, Cambridge, Jan. 8, 1891.	1st corps cadets, 15 June, 1877, to 15 June, 1880.	. . . . .	Cambridge.	

## GOVERNOR'S STAFF.

<i>Adjutant General.</i> Samuel Dalton, Boston, Maj. Gen., Jan. 8, 1884.	2d corps cadets, priv., 1838 to 1861; capt., 6 April, 1866; maj., 3 April, 1874; dis., 28 April, 1876; re-elected, 2 May, 1876; lt. col., 14 March, 1877; col. and ins. ord., staff com. in-chief, 10 Dec., 1881; res., 3 Jan., 1883; brig. gen., 4 Jan., 1888.	Priv., sgt., D., 14th Mass. vols., 1st heavy art'y, 5 July, 1861; 2d lt., 15 Feb. 1862; 1st lt., 7 June, 1862; dis., 7 Oct., 1864.	Salem.	
<i>Assistant Adjutants General.</i> James E. Delaney, Holyoke, Jan. 8, 1891.	. . . . .	. . . . .	Lowell.	
William A. Gaston, Boston, Jan. 8, 1891.	. . . . .	. . . . .	Roxbury.	
John H. Cunningham, Chelsea, Jan. 8, 1891.	Charlestown cadets, nine years, . . . . .	. . . . .	South Boston.	
Henry E. Russell, Cambridge, Jan. 8, 1891.	1st corps cadets, 19 July, 1877; 2d, 7 Sept., 1880; 3d, 7 Sept., 1881; dis., exp., 7 Sept., 1882.	. . . . .	Boston.	
John T. Wheelwright, Boston, July 11, 1892.	1st cadets, 14 Oct., 1878, to 14 Oct., 1881; col. and asst' quar. mas. gen., staff com. in-chief, 8 Jan., 1891.	. . . . .	Roxbury, . . .	Roxbury Instn.

<i>Inspector Gen. Rifle Practice.</i> William L. Chase, Brookline, Jan. 8, 1891.	1st. corps cadets, 15 April, 1890; eng., 1st brig., 24 May, 1887; a. d. c., 1st brig., 19 Feb. 1889; a. i. g., staff com.-in-chief, 2 Jan. 1890.	.	.	.	.	.	.	Grafton.		
<i>Assistant Inspectors General.</i> George A. Keeler, Cambridge, Jan. 2, 1890.	5th regt., K. capt., 8 April, 1873; res., 7 July, 1875; 1st cadets, 1876-78; 3d, 1st battl. cav. guidon sgt., 1 July, 1880; adjt., 3 Sept., 1880; a. d. c., 2d brig., 10 Jan., 1880.	.	.	.	.	.	.	Hyde Park, Vt.,		Chauncy Hall, Boston.
Henry D. Andrews, Boston, Jan. 8, 1891.	1st battl. cav., A. 1 Aug., 1876; 2d 18 Nov. 1879; sgt., 2d lt., 24 Jan., 1881; 1st lt., 24 July, 1883; capt., 22 April, 1884; res., 6 Sept., 1886.	.	.	.	.	.	.	Bangor, Me.		
Frederick G. King, Boston, Jan. 13, 1892.	4th battl. C. 19 March, 1887; corp., 27 Dec. 1887; sergt., 16 June, 1879; 2d lt., C. 1st regt., 22 Dec., 1879; adjt., 28 April, 1881; maj., 28 Dec., 1883; res., 16 Jan., 1891.	.	.	.	.	.	.	Port Richmond, N.Y.		
James L. Carter, Brookline, Jan. 13, 1892.	1st cadets, 12 June, 1874; dls., 12 June, 1877; nav. battl., C. lt. junior grade, 25 Mar., 1890; lt. comdg., 1 Dec., 1891.	1st lt., 10th U. S. C. T., 1864 to 1869; U. S. N. midshipman, 1866 to 1870.	.	.	.	.	.	Cambridge,		U. S. Naval Acad- emy; Bagica- wood; Military Academy; N. J. Highland Mil. Academy.
<i>Asst. Quartermasters General.</i> John E. Thayer, Lancaster, Jan. 8, 1891.	.	.	.	.	.	.	.	Boston.		
James H. Carmichael, Lowell, Jan. 8, 1891.	.	.	.	.	.	.	.	Lowell.		
Horace B. Verry, Worcester, Jan. 8, 1891.	.	.	.	.	.	.	.	Saco, Me.		
Percy Parker, Lowell, May 25, 1893.	.	West Point, class, 1879; 2d lt. 8th U. S. Inf'ty, res., 8 July, 1892.	.	.	.	.	.	Draught.		U. S. Military Academy.
<i>Judge Advocate General.</i> Francis Peabody, Jr., Boston, July 11, 1892.	Col., aide-de-camp, staff com.-in-chief, 8 Jan., 1891.									

*Governor's Staff—Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Surgeon General.</i> Thomas Kittredge, Salem, Jan. 8, 1891.	2d battl. art'y, asst. surg., 27 April, 1876; dis., 14 Sept., 1876; asst. surg., 21 Aug., 1878; 8th regt., surg., 10 Aug., 1881; 2d brig., med. dir., 7 March, 1882.	. . . . .	North Andover.	M. D., Long Island Col. Hospital, 1874.
<i>Commissary General.</i> Charles H. Taylor, Boston, Jan. 8, 1891.	Lt. col., staff com.-in-chief, 1890, 1870, 1871, . . .	33th regt., M. V., F., 14 Aug., 1862; dis., 18 Dec., 1863.	Charlestown.	
<i>Aides-de-Camp.</i> Walter Cutting, Pittsfield, Jan. 8, 1891.	. . . . .	. . . . .	Westchester Co., N. Y.	
Michael T. Donahoe, Boston, Jan. 8, 1891.	. . . . .	3d N. H. V., capt., 21 Aug., 1861; 10th N. H. V., col., 22 Aug., 1862; bvt. brig. gen., 13 March, 1866; dis., 21 June, 1866.	Lowell.	
Spencer Borden, Fall River, Jan. 8, 1891.	. . . . .	. . . . .	Waterbury, Vt.	
D. Howard Vincent, Boston, July 11, 1892.	. . . . .	. . . . .		

**FIRST BRIGADE. GENERAL AND STAFF.**

<i>Brigadier General.</i> Benjamin F. Bridges, Jr., South Deerfield, Jan. 6, 1890.	10th regt. inf., 1862 to 1862; 2d regt., 1st lt., H., 28 Nov., 1871; capt., 15 March, 1875; maj., 8 Aug., 1876; lt. col., 2d Jan., 1879; col., 2 Aug., 1879.	. . . . .	Deerfield.	
<i>Assistant Adjutant General.</i> Burdoin S. Parker, Lieut. Col., Boston, Jan. 23, 1890.	2d regt., capt., A., 11 July, 1870; res., 27 April, 1871; adjt., 14 Aug., 1879; judge advocate, 1st brig., 23 March, 1882.	52d M. V. M., A., 11 Oct., 1862; dis., 14 Aug., 1863.	Conway.	

<i>Medical Director.</i> Herbert L. Burrell, Boston, Lieut. Col., Feb. 20, 1889.	1st battl. cav., asst. surg., 3 Aug., 1882; trans. to 1st inf., 10 March, 1884; res., 15 April, 1884; 2d, 1st battl. cav., surg., 15 April, 1884; res., 26 May, 1886.	.	.	.	.	.	Boston, . . .	Harvard Medical, 1879.
<i>Assistant Inspector General.</i> Frank H. Briggs, Boston, Mass., Jan. 3, 1890.	1st reg. inf., K, 5 Feb., 1884; sgt. maj., 6 March, 1884; 2d lt., A, 11 April, 1884; 1st lt., 6 May, 1886; capt., 27 May, 1886.	.	.	.	.	.	Boston, . . .	English High- Boston, 3 years; Institute of Technology, 1 year.
<i>Brigade Quartermaster.</i> Charles L. Hayden, South Deerfield, Capt., Feb. 21, 1889.	2d regt. corp., H, Nov., 1871; mus. in, 26 July, 1873; dis., 26 July, 1876; sgt., 2d, 9 Aug., 1876; sgt., 16 Aug., 1876; co. quar. master, 19 Sept., 1876; dis., 9 Aug., 1879; paymaster, 14 Aug., 1879.	.	.	.	.	.	Springfield.	
<i>Engineer.</i> Corril E. Bridges, South Deer- field, May 15, 1891.	Co. H, 2d regt., 2 Aug., 1876; 2d, 2 Aug., 1881; priv., sgt. and sgt. maj., 1st lt. and adjt., 8 Jan., 1887; sgt. maj., 1st brig., 3 April, 1889.	.	.	.	.	.	Greenfield.	
<i>Judge Advocate.</i> Henry S. Dewey, Boston, Capt., Feb. 20, 1889.	1st corps cadets, 11 June, 1880, to 25 Feb., 1889; corp., sgt.	.	.	.	.	.	Hanover, N. H.	
<i>Provost Marshal.</i> Charles D. Lyford, Brookline, March 15, 1889.	Signal corps, 1st brig., 23 Oct., 1885; priv. and sgt., 1st lt., 2 Jan., 1888.	.	.	.	.	.	Brookline.	
<i>Aides-de-Camp.</i> Thomas F. Cordis, Long- meadow, Capt., Feb. 20, 1889.	2d battl. inf., 1st lt., paymaster, 29 Aug., 1876; dis., 20 Aug., 1879; 2d lt., 8 March, 1880.	46th M. V. M., sgt., A, 25 Sept., 1892; dis., 20 July, 1893.	.	.	.	.	Longmeadow.	
Joseph H. Lathrop, Dedham, Jan. 22, 1890.	1st brig., capt., a. d. c., 7 Aug., 1882; res., 4 April, 1888; prov. sgt., 18 April, 1889.	43d M. V. M., priv., D, 12 Sept., 1892; sgt., 23 Sept., 1892; dis., 30 July, 1893; 4th Mass. cav., 2d lt., 25 Jan., 1894; 1st lt., 6 Jan., 1896; adjt., 3 Feb., 1896; dis., 14 Nov., 1896.	.	.	.	.	Bordentown, N. J.	
<i>Asst. Insp. Gen. Rifle Practice,</i> <i>Major.</i> Charles W. Hnman, Boston, Aug. 24, 1887.	1st regt., D, Nov., 1879, to 16 March, 1886; priv., asst. insp. gen. R. P., 1st brig., capt., 23 April, 1886.	.	.	.	.	.	Boston, . . .	Institute of Tech- nology, 4 years.

*First Brigade. General and Staff—Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Signal Officer, 1st Lt.</i> John A. Hunneman, Boston, Feb. 27, 1891.	1st regt., D, 2 May, 1884; corp., 14 Feb. 1887; dis., 2 May 1887; 2d, 2 May, 1887; 1st lt., 27 May, 1887; res., 1 July, 1890.	. . . . .	Roxbury.	Chauncy Hall, 1 Year; Roxbury Latin, 3 years.
<i>Ambulance Officer, 2d Lt.</i> Myles Standish, Boston, 2d Lt., March 1, 1889.	. . . . .	. . . . .	Boston.	Chauncy Hall; Roxbury Latin; Bowdoin College; Harvard.

**FIRST REGIMENT INFANTRY.**

<i>Colonel.</i> Thomas R. Mathews, Boston, Dec. 10, 1888.	1st regt., 1st lt., D, 21 Jan., 1878; capt., 24 Jan., 1880; maj., 19 Aug., 1881; lt. col., 28 Dec., 1888.	1st Mass. vols., K, 24 May, 1861; dis., 24 Feb., 1863.	Boston.	
<i>Lieutenant Colonel.</i> Charles L. Hovey, Boston, March 6, 1891.	4th batt., C, 30 April, 1874; corp., sgt., dis., 30 Sept., 1876; 2d, 2 Oct., 1876; 1st sgt., 13 April, 1877; 1st regt., 2d lt., C, 26 May, 1879; 1st lt., 24 Nov., 1879; capt., 13 March, 1882; maj., 26 April, 1884.	. . . . .	Cambridge.	
<i>Major.</i> Richard H. Morgan, New Bedford, March 6, 1891.	1st regt., E, 24 March, 1880; priv., 1st lt., 3 May, 1886; capt., 8 April, 1890.	. . . . .	New Bedford.	Institute Technology, 2 years.
Fertie A. Dyar, Boston, March, 6, 1891.	1st regt., C, 29 Sept., 1876; dis., 5 Oct., 1877; 2d, 20 April, 1878; 3d, 23 Oct., 1882; 4th, 17 Nov., 1883; 5th, 1 Dec., 1884; 6th, 1 Dec., 1885; 7th, 1 Dec., 1886; priv., corp., sgt., 1st sgt., 2d lt., 23 May, 1887; 1st lt., 20 July, 1887; capt., 16 Aug., 1887.	. . . . .	Lynn.	



*First Regiment Infantry—Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service, Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> Sumner Paine, Boston, June 21, 1893.	1st corps cadeta, D, 9 Jan., 1891; 2d lt., A, 1st Inf., 15 Feb., 1893.	.	Boston.	
<i>Second Lieutenant.</i> (Vacancy.)	.	.		
COMPANY B—Cambridge.				
<i>Captain.</i> Walter E. Lombard, Cambridgeport, Jan. 23, 1893.	1st regt. B, 17 Mar., 1879; dis., 17 Mar., 1883; 2d, 18 June, 1883; dis., 18 June, 1886; 3d, 18 June, 1886; priv., corp., sgt., 2d lt., 16 Aug., 1886; 1st lt., 9 Sept., 1887; res., 10 Sept., 1891; 4th, 5th regt., C, 10 Sept., 1891; dis., 10 Sept., 1892; priv.	Batt'y A, lgt. art'y, Dist. Columbia N. G., 1 April, 1892; priv., corp.; dis., 23 Jan., 1893.	Cambridgeport.	
<i>First Lieutenant.</i> John E. Day, Allston, Sept. 21, 1891.	1st regt. B, 5 Sept., 1881; 2d, 5 Sept., 1884; 3d, 5 Sept., 1886; 4th, 5 Sept., 1888; 5th, 6 Sept., 1890; 6th, 9 Sept., 1890; 7th, 6 Sept., 1891; corp., sgt., 1st sgt.	.	Brighton.	
<i>Second Lieutenant.</i> Marshall Underwood, Dorchester, Sept. 21, 1891.		.	.	
COMPANY C—Boston.				
<i>Captain.</i> Henry W. Atkins, Chelsea, April 11, 1892.	Co. K, 1st regt., 27 July, 1875; dis., 6 July, 1876; co. H, 1st batt., 19 Feb., 1878; corp., 8 March, 1890; to 4 April, 1891; sgt., 30 April, 1891; to 31 Jan., 1893; 1st lt., 31 Jan., 1893; capt., 22 July, 1893.	.	New York City, N. Y.	

<i>First Lieutenant.</i> Charles F. Nostrom, Boston, May 11, 1891.	1st regt., C, 4 Sept., 1882; 2d, 29 March, 1888; 3d, 29 March, 1891; 4th, 29 March, 1888; 6th, 29 March, 1890; corp., sgt., 1st sgt., 2d lt., 18 March, 1891.	.	.	.	.	.	.	.	.	Charlestown.
<i>Second Lieutenant.</i> Charles P. Nutter, Boston, May 11, 1891.	1st regt., C, 7 Aug., 1885; dis., 12 Aug., 1886; 2d, 20 July, 1887; 3d, 18 Aug., 1890; corp., sgt.	.	.	.	.	.	.	.	.	Pennsylvania.
COMPANY D — Boston.		.	.	.	.	.	.	.	.	.
<i>Captain.</i> Joseph H. Frothingham, Bos- ton, May 27, 1887.	7th regt., D, 11 Dec., 1868; dis., 24 June, 1869; 1st regt., D, 25 June, 1869; corp., 4 Oct., 1869; sgt., 26 Oct., 1870; 1st sgt., 21 May, 1872; dis., 27 Sept., 1872; 1st battl., D, 28 Sept., 1872; mus. in, 18 June, 1873; sgt., 23 Sept., 1874; dis., 10 June, 1876; 2d, 3 Aug., 1876; 1st sgt., 1 May, 1878; dis., 3 Aug., 1879; 3d, 25 Aug., 1879; 2d lt., 5 July, 1882; 1st lt., 16 April, 1883.	.	.	.	.	.	.	.	.	Boston.
<i>First Lieutenant.</i> John S. Keenan, Boston, Sept. 14, 1891.	1st regt., D, 12 May, 1881; 2d, 12 May, 1884; 3d, 12 May, 1887; 4th, 12 May, 1890; priv., corp., sgt., 1st sgt., 2d lt., 6 April, 1891.	.	.	.	.	.	.	.	.	Roxbury.
<i>Second Lieutenant.</i> James W. Dane, Somerville, Sept. 14, 1891.	1st battl. inf., B, 24 June, 1878; dis., 24 April, 1874; 2d, 1st regt., D, 30 Aug., 1886; 3d, 30 Aug., 1889; priv., corp., sgt., 1st sgt.	.	.	.	.	.	.	.	.	Boston.
COMPANY E — New Bedford.		.	.	.	.	.	.	.	.	.
<i>Captain.</i> Arthur E. Perry, New Bedford, March 23, 1891.	1st regt., E, 24 March, 1886; priv., 2d lt., 3 May, 1886; 1st lt., 6 April, 1890.	.	.	.	.	.	.	.	.	New Bedford.
<i>First Lieutenant.</i> Abner P. Pope, New Bedford, Dec. 14, 1891.	3d regt., E, 15 June, 1871; mus., 10 July, 1873; 2d, 26 July, 1876; 1st regt., E, 3d, 1 Sept., 1879; 4th, 6 Sept., 1880; 5th, 15 Sept., 1882; 6th, 24 Sept., 1883; 7th, 6 Oct., 1886; 8th, 6 Oct., 1887; 9th, 6 Oct., 1888; 10th, 7 Oct., 1889; priv., corp., sgt., 1st sgt., 2d lt., 23 March, 1891.	.	.	.	.	.	.	.	.	Acushnet.

*First Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Second Lieutenant.</i> Thomas S. Hathaway, New Bedford, March 14, 1892.	1st regt., E, 19 Jan., 1891,	.	New Bedford.	
COMPANY F — Taunton.				
<i>Captain.</i> Norris O. Danforth, Raynham, Sept. 16, 1889.	1st regt., F, 15 May, 1883; sgt., 1st sgt., 2d lt., 11 Jan., 1886; 1st lt., 1 June, 1888.	.	North Anson, Me.	
<i>First Lieutenant.</i> Ferdinand H. Phillips, Taunton, Feb. 20, 1893.	1st regt., F, 22 Aug., 1887; dia., 22 Aug., 1890; 2d, 22 Aug., 1890; dia., 22 Aug., 1891; 3d, 22 Aug., 1891; dia., 22 Aug., 1892; 4th, 22 Aug., 1892; corp., sgt., 1st sgt.	.	Glover, Vt.	
<i>Second Lieutenant.</i> William James Meek, Fall River, Feb. 20, 1893.	1st regt., M, 4th Sept., 1888; 2d, 9th Sept., 1888; 3d, 9th Sept., 1887; 4th, 9th Sept., 1888; corp., sgt., 2d lt., 6 Feb., 1889; dia., 21 Feb., 1889; 6th, F co., 7 Nov., 1892, priv.	.	Fall River.	
COMPANY G — Boston.				
<i>Captain.</i> Albert B. Chick, Boston, Feb. 4, 1891.	1st lt., 8 May, 1890.	.	.	
<i>First Lieutenant.</i> George J. Vickery, Boston, Feb. 4, 1891.	6th regt., D, 1st, 25 Sept., 1879; dia., 25 Sept., 1882; 2d, 25 Sept., 1882; dia., 25 Sept., 1883; 3d, 25 Sept., 1886; priv., corp., sgt.; co. trans. to 1st regt. as G, 26 March, 1888; 2d lt., 10 Nov., 1887.	.	.	Chauncy Hall, 7 years.

<i>Second Lieutenant.</i> Joseph A. Verge, Boston, Feb. 6, 1861.	1st regt., E, 1856 to 1858; 2d, 1863 to 1866; ad, batty. A, 1871; mus., 23 June, 1873; 3d, 7 Aug., 1876; trans. to A, 1st battl. cav., 3 June, 1879; guidon sgt., 1st battl. cav., 16 Sept., 1879; 4th, 23 March, 1883; dis., 23 April, 1884; 6th, D, 18 June, 1884; dis., 18 July, 1885; 6th, A, 11 May, 1886.	1st regt. M. V., E, 23 May, 1861; dis., disability, 26 Nov., 1862; 1st sgt.	Annapolis, Md.
<b>COMPANY H — Chelsea.</b>			
<i>Captain.</i> Chester M. Flanders, Chelsea, May 2, 1892.	1st regt., H, 14 June, 1883; dis., 14 June, 1886; 2d, 21 July, 1884; dis., 21 July, 1887; 8d, 28 Oct., 1887; dis., 28 Oct., 1888; corp., sgt., 2d lt., 11 Sept., 1889.	. . . . .	Boston.
<i>First Lieutenant.</i> John R. Smith, Chelsea, Sept. 11, 1889.	1st regt., H, 30 Dec., 1885; dis., 30 Dec., 1888; 2d, 30 Dec., 1888; corp., sgt., 1st sgt.	. . . . .	England.
<i>Second Lieutenant.</i> Walker L. Pratt, Chelsea, June 16, 1892.	1st regt., H, 20 Feb., 1886; 2d, 20 Feb., 1892,	. . . . .	Concord, Mass.
<b>COMPANY I — Brockton.</b>			
<i>Captain.</i> Charles Williamson, Brockton, March 19, 1885.	1st lt., 15 Aug., 1887.		
<i>First Lieutenant.</i> Daniel W. Packard, Brockton, Dec. 18, 1893.	1st regt., I, 12 May, 1884; dis., 12 May, 1887; 2d, 12 May, 1887; priv., corp., 2d lt., 16 April, 1888; 1st lt., 24 Feb., 1890; res., 27 Mar., 1891.	. . . . .	Brockton.
<i>Second Lieutenant.</i> George E. Horton, Brockton, June 20, 1892.	1st regt., I, 11 June, 1883, to 20 June, 1892; priv., corp., sgt., 1st sgt.	. . . . .	East Bridgewater, - Brockton High.

*First Regiment Infantry—Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>COMPANY K—Boston.</b>				
<i>Captain.</i> George F. Quinby, Roxbury, Aug. 10, 1891.	1st regt., C, 12 April, 1880; dis., 16 April, 1882; 2d, 9 March, 1885; corp., 1st sgt., 2d lt., 20 July, 1887; dis., 27 July, 1887; 3d, 1 Aug., 1887; sgt., 2d lt., 16 April, 1888; 1st lt., 18 March, 1891; 1st lt., K, 20 April, 1891.	. . . . .	Boston.	
<i>First Lieutenant.</i> Frederic S. Howes, Cambridge, Aug. 10, 1891.	1st regt., K, 3 Jan., 1888; 2d, 3 Jan., 1891; sgt., 2d lt., 14 May, 1891.	. . . . .	East Boston.	
<i>Second Lieutenant.</i> Herbert L. Chapman, Roxbury, Aug. 10, 1891.	1st regt., O, 2 Nov., 1885; 2d, 19 Nov., 1888; 3d, 19 Nov., 1889, sgt. maj.	. . . . .	Bath, Me.	
<b>COMPANY L—Boston.</b>				
<i>Captain.</i> Fred M. Whiting, Chelsea, April 15, 1891.	1st regt., L, 2d lt., 19 Nov., 1890; 1st lt., 12 March, 1890.	. . . . .	Sturbridge.	
<i>First Lieutenant.</i> Charles H. Lake, Cambridge, April 18, 1891.	1st regt., C, 19 Aug., 1887; corp., 14 May, 1888; sgt., 13 Nov., 1888; col. sgt., 21 May, 1890; dis., 19 Aug., 1890; 2d, 19 Aug., 1890; 2d lt., K, 6 Oct., 1890.	. . . . .	New Jersey.	
<i>Second Lieutenant.</i> (Vacancy.)				

COMPANY M — Fall River.				
<i>Captain.</i>				
Sierra L. Braley, Fall River, Dec. 17, 1878.	3d regt., 1st lt., D, 16 Dec., 1866; capt., 2 Jan., 1869; adjt., 27 March, 1871; dis., 28 April, 1876; 3d battl., quar. mas., 1 Sept., 1876; dis., 3 Dec., 1878.	3d M. V. M., corp., D, 23 Sept., 1862; dis., 26 June, 1863; 2d Mass. hvy. art'y, sgt., I, 11 Dec., 1868; 2d lt., 14th U. S. cold art'y, 3 June, 1866; dis., 11 Dec., 1866.	Fall River.	
<i>First Lieutenant.</i>				
David Fuller, Fall River, Nov. 22, 1892.	1st regt., M, 11 Dec., 1878; dis., 11 Dec., 1881; 2d, 20 Dec., 1881; dis., 20 Dec., 1882; 3d, 26 Dec., 1883; dis., 26 Dec., 1883; 4th, 27 Dec., 1883; dis., 27 Dec., 1884; 6th, 30 Dec., 1884; dis., 30 Dec., 1886; 6th, 30 Jan., 1886; dis., 30 Jan., 1887; 7th, 11 Feb., 1887; dis., 11 Feb., 1888; 8th, 21 Feb., 1888; dis., 21 Feb., 1889; 9th, 21 Feb., 1889; corp., sgt., 1st sgt., 2d lt., 10 Dec., 1889.	5th U. S. art'y, batty, A, 4 Feb., 1867; dis., 4 Feb., 1870; 2d, 10 June, 1870; dis., 10 June, 1876; corp., sgt.	Bohm Kamnitz, Austria.	
<i>Second Lieutenant.</i>				
Walter F. Borden, Fall River, Nov. 22, 1892.	1st regt., M., 4 Dec., 1883, to 22 Nov., 1892, priv., corp., sgt., 1st sgt.	. . . . .	Fall River.	
SECOND REGIMENT INFANTRY.				
<i>Colonel.</i>				
Embury P. Clark, Springfield, Feb. 2, 1893.	2d regt., sgt., K, 1868; capt., 4 June, 1869; maj., 14 Aug., 1871; lt. col., 31 Aug., 1876; dis., 28 April, 1876; capt., D, 23 Dec., 1878; lt. col., 2 Aug., 1879.	46th M. V. M., corp., B, 15 Oct., 1862; dis., 29 July, 1863.	Buckland.	
<i>Lieutenant Colonel.</i>				
Edwin R. Shumway, Worces- ter, Nov. 3, 1893.	10th regt., A, 1869; corp., sgt., 2d lt., 25 Nov., 1872; 1st lt., 18 Jan., 1876; capt., 28 Aug., 1876; maj., 11 April, 1884.	4th Vt. vola., I, F, 21 Sept., 1861; corp., sgt., re-enlisted, 15 Dec., 1863; dis., 13 July, 1866.	Jamaica, Vt.	
<i>Majors.</i>				
Pharcellus D. Bridges, South Deerfield, May 3, 1888.	2d regt., A, 1871; mus. in, 26 July, 1873; 2d lt., 15 March, 1876; capt., 9 Aug., 1876.	. . . . .	Deerfield.	
Fred'k G. Southmayd, Spring- field, Feb. 2, 1889.	2d regt., B, 22 Nov., 1870; corp., sgt., 1st sgt., mus. in, 29 July, 1873; dis., 29 July, 1876; 2d, 14 Sept., 1876; 1st lt., 2 Oct., 1876; capt., 2 April, 1887.	. . . . .	Middletown, Conn.	

## Second Regiment Infantry — Continued.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
Reuben A. Whipple, Adams, Nov. 2, 1868.	2d regt., M. capt., 18 Nov., 1867, . . . . .	8th regt., M. V. M., B, 16 July, 1864; dis., 10 Nov., 1864; exp. of ser., priv.	Smithfield, R. I.	
<i>Adjutant, rank 1st Lt.</i> John E. Lancaster, Worcester, April 5, 1869.	2d regt., C, 13 June, 1865; 2d lt., 18 June, 1865; res., 7 May, 1867; 2d, 10 May, 1867; agt., maj., 12 May, 1867; 1st brig., provost agt., 21 Feb., 1869.	. . . . .	New York, N. Y.	
<i>Quartermaster, rank 1st Lt.</i> Charles D. Colson, Holyoke, July 16, 1861.	6th regt., G, 1865 to 1869; corp., 2d regt., 2d lt., K, 9 March, 1876; dis., 29 Nov., 1876; 1st lt., D, 23 Dec., 1878; quar. maa., 14 Aug., 1879; dis., 21 April, 1881.	. . . . .	Lowell.	
<i>Surgeon, rank Major.</i> David Clark, Springfield, Aug. 26, 1876.	2d regt., surg., 18 Sept., 1872; dis., 28 April, 1876.	13th Ohio vols., F, 6 June, 1861; dis., 26 June, 1864; 4th regt., U. S. vet. vols., 6 April, 1865; dis., 3 April, 1866.	Brighton, Ohio,	M. D., Pennayl- vania, 1869.
<i>Asst. Surgeon, rank 1st Lt.</i> Oriland J. Brown, North Adams, Sept. 20, 1878.	. . . . .	. . . . .	Whittingham, Vt.,	University of Vermont, 1870.
<i>Paymaster, rank 1st Lt.</i> Archibald O. Edson, Holyoke, March 19, 1892.	. . . . .	. . . . .		
<i>Insp. Rifle Practice, rank 1st Lt.</i> Sylvester S. Edmunds, Springfield, April 26, 1890.	2d regt., G, 22 Aug., 1869; 2d, 22 Aug., 1886,	. . . . .	Chicopee.	
<i>Chaplain.</i> John C. Whitwood, Holyoke, May 9, 1891.				

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*Second Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Second Lieutenant.</i> William F. Gilman, Worcester, Aug. 26, 1891.	2d regt., C, 1873 to 1882; corp., sgt., . . . . .	. . . . .	Taunton, . . . . .	Highland Military Academy.
COMPANY D — Holyoke.				
<i>Captain.</i> Charles W. Brown, Holyoke, June 7, 1881.	2d regt., D, 17 Dec., 1878; corp., 2 April, 1880; 1st lt., 17 Aug., 1880.	. . . . .	Epsom, N. H.	
<i>First Lieutenant.</i> Edgar E. Train, Holyoke, April 8, 1891.	2d regt., F, May 1876; priv., corp., dis., Aug., 1876; 2d, D, 19 Jan., 1882; priv., corp., sgt., 1st sgt.	. . . . .	Northampton.	
<i>Second Lieutenant.</i> John P. Blaisance, Holyoke, April 8, 1891.	2d regt., D, 17 Dec., 1882; 2d, 17 Dec., 1885; 3d, 17 Dec., 1886; 4th, 17 Dec., 1887; corp., sgt., col. sgt., 15 May, 1888; sgt. maj., 8 May, 1889.	. . . . .	Chicopee.	
COMPANY E — Orange.				
<i>Captain.</i> Philip I. Barber, Orange, May 11, 1893.	1st, 2d regt., B, 3 Oct. 1876; dis., 3 Oct., 1879; 2d, 13 Sept., 1880; dis., 13 Sept., 1881; 3d, co. E, 10 April, 1886; mus. and 1st sgt., 2d, 13 Jan., 1887; 1st lt., 3 April, 1890.	. . . . .	Berlin, Conn.	
<i>First Lieutenant.</i> Joseph E. Farley, Orange, May 11, 1893.	2d regt., E, 2d lt., 3 April, 1890, . . . . .	. . . . .	Colrain.	
<i>Second Lieutenant.</i> Frank P. Hooper, Orange, May 11, 1893.				

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*Second Regiment Infantry — Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Second Lieutenant.</i> Eugene T. Bridges, South Deerfield, March 14, 1891.	2d regt., H, 16 June, 1893; 24, 16 June, 1896; 3d, 16 June, 1899; corp., agt.	.	South Deerfield.	
COMPANY I — Northampton.				
<i>Captain.</i> Henry L. Williams, Northampton, Dec. 13, 1892.				
<i>First Lieutenant.</i> Robert F. Southwick, Northampton, Dec. 13, 1892.				
<i>Second Lieutenant.</i> George P. Allen, Northampton, Dec. 13, 1892.				
COMPANY K — Amherst.				
<i>Captain.</i> Edgar G. Thayer, Amherst, May 2, 1899.	1st lt., 19 Nov., 1897, . . . . .	7th Vt. vols., 18 Feb., 1864; dis., 1 March, 1866.	Winchester, N. H.	
<i>First Lieutenant.</i> Willard A. Thayer, Amherst, April 11, 1899.	2d regt., K, 19 Nov., 1897, . . . . .	N. H. V. M., 5 years, . . . . .	Winchester, N. H.	
<i>Second Lieutenant.</i> Charles E. Rogers, Leverett, April 22, 1896.				

## COMPANY L.—Greenfield.

*Captain.*

Frederick E. Pierce, Greenfield, Jan. 16, 1891.

*First Lieutenant.*

Charles H. Field, Greenfield, April 8, 1892.

*Second Lieutenant.*

Frederick B. Felton, Greenfield, May 2, 1892.

## COMPANY M.—Adams.

*Captain.*

Ezra N. Jones, Adams, Dec. 18, 1893.

*First Lieutenant.*

Herbert O. Hicks, Adams, Dec. 18, 1893.

*Second Lieutenant.*

George E. Simmons, Adams, Dec. 18, 1893.

1st lt., 21 Nov., 1887,	. . . . .	. . . . .	Glenwood, Iowa.
2d regt., 27 Nov., 1887; 2d, 27 Nov., 1890; priv., corp., sgt.; 2d lt., 24 April, 1891.	. . . . .	. . . . .	Leverett.
2d regt., 21 Nov., 1887; 2d, 21 Nov., 1890; priv., corp.,	. . . . .	. . . . .	Springfield.
2d regt., M., 1st lt., 18 Nov., 1887, . . . . .	17th Vt. vols., H., 15 months,	. . . . .	Northfield, Vt.
2d regt., M., 16 Jan., 1888; 2d, 16 Jan., 1891; 3d, 16 Jan., 1892; 4th, 16 Jan., 1893; sgt., 1st sgt., 2d lt., 9 Jan., 1893.	. . . . .	. . . . .	Readsboro, Vt.
2d regt., M., 18 Nov., 1887, to 18 Nov., 1890; 2d, 18 Nov., 1890, to 18 Nov., 1891; 3d, 18 Nov., 1891, to 18 Nov., 1892; 4th, 18 Nov., 1892, to 18 Nov., 1893; 5th, 18 Nov., 1893; corp., sgt., 1st sgt.	. . . . .	. . . . .	Adams, Mass.

## SIXTH REGIMENT INFANTRY.

<i>Colonel.</i> Henry Parsons, Marlborough, March 24, 1890.	6th regt., 1st lt., E., 11 Aug., 1878; capt., 23 Jan. 1879; maj., 9 April, 1879; lt. col., 16 May, 1884.	148th N. Y. vols., 2d lt., H., 8 Sept., 1862; 1st lt., 26 Oct., 1863; capt., 14 Dec., 1864; brev. maj., N. Y. vols., M. O., 22 June, 1865.	New York, N. Y.
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*Sixth Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Lieutenant Colonel.</i> Charles F. Woodward, Wakefield, March 24, 1890.	6th regt., corp., sgt., A, 1890; mus. in, 3 June, 1873; dis., 9 June, 1875; 2d lt., 23 Aug., 1876; 1st lt., 13 Nov., 1876; capt., 27 Feb., 1879; maj., 7 Feb., 1882.	.	South Reading.	
<i>Majors.</i> George H. Chaffin, Southbridge, May 16, 1884.	10th regt., G, 27 July, 1897; mus. in, 29 July, 1873; 2d lt., 4 Aug., 1875; 1st lt., 17 March, 1876; capt., H, 29 April, 1881.	.	Grafton, . . .	Highland Military Academy, 1876; Pen. Mil. Acad., 1 year.
George H. Taylor, Wakefield, July 2, 1890.	Co. A, 6th regt., priv., corp., sgt., 20 March, 1890; 2d lt., 17 April, 1893; 1st lt., 25 Aug., 1894; capt., 14 May, 1898.	.	Somerville, . . .	Hyde Park High School.
Charles K. Darling, Boston, April 4, 1893.	6th regt., 12 Sept., 1887; sgt., maj., adjt., 25 Feb., 1899,	.	Corinth, Vt., . . .	U. S. Military Academy, 18 months.
<i>Adjutant, rank 1st Lt.</i> James T. Souther, Boston, April 12, 1893.	1st corp. cadets, 25 Sept., 1884, to 25 Sept., 1887; 2d, 25 Sept., 1887, to 25 Sept., 1888; 3d, 25 Sept., 1888, to 25 Sept., 1890; 4th, 2d brg., N. C. S., sgt., clerk, 23 April, 1891.	.	Lausanne, Switzerland.	
<i>Quartermaster, rank 1st Lt.</i> John M. Carpenter, Marlborough, April 15, 1892.	.	.	Ashburnham, . . .	M. D., Harvard, 1896.
<i>Surgeon, rank Major.</i> Charles H. Rice, Fitchburg, Dec. 27, 1884.	.	.	.	Univ. Med. Col., 1881.
<i>Assistant Surgeon, rank 1st Lt.</i> Omer P. Porter, Lowell, April 15, 1890.	6th regt., K, 2 April, 1877; dis., 14 June, 1878; 2d, 6th regt., C, 6 March, 1882; dis., 6 March, 1888.	.	.	.

<i>Paymaster, rank 1st Lt.</i> Edward L. Trucker, Marlborough, May 14, 1890.	. . . . .	. . . . .	. . . . .	. . . . .	Me. V. M., 7 April, 1880; dis., 17 May, 1883; sgt.	Shawhegan, Me.
<i>Inspector Rifle Practice, rank 1st Lt.</i> James W. Jones, South Framingham, Aug. 3, 1893.	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	
<i>Chaplain.</i> William F. Desautel, Malden, May 14, 1890.	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	
<i>Company A — Wakefield.</i> <i>Captain.</i> Edward J. Gihon, Wakefield, Jan. 2, 1893.	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	
<i>First Lieutenant.</i> Philip J. Flanders, Wakefield, Jan. 2, 1893.	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	Wakefield.
<i>Second Lieutenant.</i> Charles E. Walton, Wakefield, Jan. 2, 1893.	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	Wakefield.
<i>Company B — Fitchburg.</i> <i>Captain.</i> George H. Priest, Fitchburg, March 18, 1892.	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	Hillsborough, N. H.

## Sixth Regiment Infantry — Continued.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> Horatio D. Moulton, Fitchburg, March 18, 1892.	6th regt., B, 16 Feb., 1885; dis., 16 Feb., 1888; 2d, 20 Feb., 1888; dis., 20 Feb., 1889; 3d, 20 Feb., 1889; dis., 20 Feb., 1890; 4th, 26 Feb., 1890; priv., corp., sgt., 1st sgt., 2d lt., 3 Nov., 1890.	. . . . .	Fitchburg.	
<i>Second Lieutenant.</i> David W. Colburn, Fitchburg, March 18, 1892.	6th regt., B, 31 Aug., 1886, to 18 March, 1892; priv., corp., sgt., 1st sgt.	. . . . .	Washington, N. H.	
COMPANY C — Lowell.				
<i>Captain.</i> Arthur D. Prince, Lowell, Nov. 11, 1893.	Amb. corps, 1st brig., 10 May, 1887; 2d, 16 May, 1890; 6th regt., C, 2d lt., 25 March, 1891; 1st lt., 26 Aug., 1893.	. . . . .	Lawrence.	
<i>First Lieutenant.</i> Harry T. B. Richardson, Lowell, Nov. 11, 1893.	6th regt., C, 17 Sept., 1890, to 11 Nov., 1893, . . . . .	. . . . .	Lowell.	
<i>Second Lieutenant.</i> Alexander Greig, Jr., Lowell, Dec. 2, 1891.	6th regt., C, 8 Feb., 1888; 2d, 11 Feb., 1891; 2d cadet, 10 April, 1891; 1st lt., 6 May, 1891; dis., 27 May, 1891.	. . . . .	Port Glasgow, Scotland.	
COMPANY D — Fitchburg.				
<i>Captain.</i> James E. McConnell, Fitchburg, Dec. 1, 1890.	. . . . .	. . . . .	North Adams.	
<i>First Lieutenant.</i> John F. McNamara, Fitchburg, Nov. 18, 1889.	6th regt., D, 20 Dec., 1889; sgt., 7 June, 1888, . . . . .	. . . . .	Westford.	

<i>Second Lieutenant.</i> John J. Driscoll, Fitchburg, Dec. 21, 1892.	6th regt., D, 23 March, 1890; dis. 22 March, 1890; 2d, 18 April, 1890; dis. 18 April, 1900; 3d, 12 May, 1890; dis. 12 May, 1891; 4th, 22 May, 1891; dis., 22 May, 1892; 5th, 22 May, 1892; sgt., 1st sgt.	. . . . .	Fitchburg.
COMPANY E — So. Framingham. <i>Captain.</i> Frank E. Miller, So. Framing- ham, Jan. 23, 1893.	1st, C, 11 Sept., 1879, to 27 Oct., 1887, . . . . .	. . . . .	South Framingham.
<i>First Lieutenant.</i> Frederic M. Valentine, Fram- ingham, Dec. 11, 1893.	6th regt., E, 27 Jan., 1893, to 11 Dec., 1893; sgt., major.	. . . . .	Framingham.
<i>Second Lieutenant.</i> Walter F. Blake, So. Framing- ham, Dec. 11, 1893.	6th regt., E, 27 Jan., 1893, to 11 Dec., 1893, . . . . .	. . . . .	Franklin.
COMPANY F — Marlborough. <i>Captain.</i> George A. Devlin, Marlborough, Dec. 18, 1893.	5th regt., K, 21 Nov., 1887; priv., corp., sgt., 1st sgt., 6th regt., F; 2d lt., 18 June, 1891; 1st lt., 14 April, 1892.	. . . . .	Quincy.
<i>First Lieutenant.</i> Harold B. Chamberlain, Marl- borough, Dec. 18, 1893.	6th regt., F, 17 April, 1879, to 16 Feb., 1893; priv., corp., sgt., 2d lt., 16 Feb., 1893.	. . . . .	Marlborough.
<i>Second Lieutenant.</i> (Vacancy.) COMPANY G — Lowell. <i>Captain.</i> Edward B. Carr, Lowell, Aug. 24, 1892.	6th regt., G, 19 Aug., 1885; dis., 19 Aug., 1888; 2d, 7 Sept., 1888; priv., corp., sgt., 1st sgt., 1st lt., 8 April, 1890.	. . . . .	Brookline, Me.

*Sixth Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> William Fairweather, Lowell, Aug. 24, 1892.	6th regt., C, 11 Sept., 1886; dis., 6 April, 1888; 2d, G, 4 March, 1890; corp., sgt.	. . . . .	Dundee, Scotland.	
<i>Second Lieutenant.</i> George S. Howard, Lowell, Aug. 24, 1892.	6th regt., G, 5 Oct., 1895; corp., sgt.; dis., 5 Oct., 1895; 2d, 24 March, 1898; dis., 24 March, 1891; 2d, 24 March, 1891; dis., 24 March, 1892; 4th, 27 March, 1892.	. . . . .	Northbridge.	
COMPANY H — Stoneham. <i>Captain.</i> Stanwood G. Sweeter, Stoneham, Dec. 29, 1890.	6th regt., H, 13 April, 1886; priv., corp., sgt., 1st sgt., 1st lt., 4 Jan., 1888.	. . . . .	Stoneham.	
<i>First Lieutenant.</i> Fred G. Green, Stoneham, Dec. 29, 1890.	6th regt., H, 11 Oct., 1882; dis., 11 Oct., 1885; 2d, 4 Dec., 1886; dis., 4 Dec., 1886; 3d, 3 Jan., 1887; dis., 3 Jan., 1888; 4th, 19 Jan., 1888; dis., 19 Jan., 1889; 5th, 24 Jan., 1889; dis., 24 Jan., 1890; 6th, 10 Jan., 1890.	. . . . .	Stoneham.	
<i>Second Lieutenant.</i> Ernest F. West, Stoneham, March 1, 1892.	6th regt., H, 3 April, 1888; 1st sgt., . . . . .	. . . . .	Stockton Springs, Me.	
COMPANY I — Concord. <i>Captain.</i> Frank E. Cutler, Concord, May 5, 1896.	6th regt., O, 6th regt., I, priv., corp., 1st sgt., 27 March, 1892; to 22 Dec., 1893; 2d lt., 22 Dec., 1893; 1st lt., 27 Aug., 1894.	. . . . .	Concord.	

<i>First Lieutenant.</i> Samuel H. Tuttle, Concord, Jan. 20, 1891.	6th regt., I, 17 April, 1887; priv., corp., sgt., 2d lt., 4 April, 1888.	.	.	.	.	.	.	.	.	South Acton.
<i>Second Lieutenant.</i> Cyrus H. Cook, Concord, Jan. 20, 1891.	6th regt., I, 25 May, 1883; 2d, 7 Oct., 1885; corp., 3d, 5 Feb., 1889, sgt.	.	.	.	.	.	.	.	.	Roxbury.
COMPANY K — Southbridge. <i>Captain.</i> Ulysses A. Goodell, South- bridge, March 10, 1893.	6th regt., K, 2 April, 1888; musketeer, 2d lt., 2 May, 1890; 1st lt., 6 March, 1891.	.	.	.	.	.	.	.	.	Southbridge.
<i>First Lieutenant.</i> Andrew M. Higgins, South- bridge, March 10, 1893.	6th regt., K, 2 April, 1888; priv., corp. and sgt.; 2d lt., 6 March, 1891.	.	.	.	.	.	.	.	.	Hardwick.
<i>Second Lieutenant.</i> Henry L. Brousseau, South- bridge, March 10, 1893.	6th regt., K, 2 April, 1888, to 10 March, 1893; priv., corp., sgt.	.	.	.	.	.	.	.	.	Webster.
COMPANY L — Boston. <i>Captain.</i> William J. Williams, Boston, April 20, 1891.	6th regt., L, 27 March, 1891, . . . . .	.	.	.	.	.	.	.	.	Toronto, Canada.
<i>First Lieutenant.</i> William H. Jackson, Boston, April 20, 1891.	6th regt., L, 27 March, 1891, . . . . .	.	.	.	.	.	.	.	.	Virginia.
<i>Second Lieutenant.</i> William H. Turner, Boston, Sept. 17, 1888.	6th regt., L, 14 May, 1886; priv., corp., sgt., 1st sgt., .	.	.	.	.	.	.	.	.	Charlestown.

## Sixth Regiment Infantry — Concluded.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>COMPANY M — Milford.</b>				
<i>Captain.</i> John T. Berrill, Milford, Dec. 20, 1896.	6th regt., M. 22 Feb., 1879; priv., corp., egt. and 1st egt. to 11 Aug., 1884; 2d lt., 11 Aug., 1884; 1st lt., 6 April, 1885.	.	Leicester, England.	
<i>First Lieutenant.</i> Harold E. Fales, Milford, July 10, 1893.	6th regt., M. 19 Nov., 1888; 2d, 19 Nov., 1891; corp., 2d lt., 21 Dec., 1891.	.	Milford.	
<i>Second Lieutenant.</i> Horace R. Church, Milford, July 10, 1893.	6th regt., M. 6 May, 1892, to 10 July, 1893; priv., corp.,	.	Worcester.	

## FIRST BATTALION LIGHT ARTILLERY.

<i>Major.</i> Lawrence N. Ducheaneay, Boston, May 19, 1893.	6th regt., K. 3 May, 1871; 1st lt., 17 May, 1871; dis., 20 Nov., 1872; 1st lt., K. 14 April, 1873; capt., 23 Aug., 1873; co. trans. to 8th regt. 3 Dec., 1873; maj., 18 Jan., 1882; res., 20 Jan., 1883; capt., G. 9th, 25 Jan., 1883; res., 25 April, 1884; capt., M., 8th, 25 April, 1884; co. trans. to 1st battl. art'y as batt'y C, G. O. S., 1889; capt., 25 April, 1884.	6th M. V. M., F., 21 April, 1891; dis., 2 Aug., 1891; 1st cav., Mass. vol., egt., H. 22 Nov., 1891; 2d lt., B. 16 Jan., 1893; 1st lt., 16 Feb., 1894; capt., E. Mass. battl. 26th N.Y. cav., 3 April, 1895; dis., 18 July, 1895.	Kingsey, C. E.	
<i>Adjutant, rank 1st Lt.</i> Winfield G. Merrill, Lawrence, Dec. 3, 1890.	1st battl. art'y, 3 Aug., 1882; dis., 3 Aug., 1885; 2d, 3 Aug., 1885; dis., 3 Aug., 1885; 3d, 3 Aug., 1886; guidon egt., egt. maj.	.	Lawrence.	
<i>Quartermaster, rank 1st Lt.</i> William H. Hennessey, Lynn, May 24, 1893.	1st battl. art'y, batt'y C, 20 Dec., 1884; priv., corp., egt., 2d lt., 1 May, 1885; res., 8 May, 1886; batt'y disbanded; 2d lt., 20 Feb., 1888.	.	Ireland.	



## First Battalion Light Artillery—Concluded.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>BATTERY C—Lawrence.</b>				
<i>Captain.</i> William I. Stedman, Lawrence, May 24, 1893.	6th regt., K, 2 April 1877; co. trans., 3 Dec., 1878, to 8th regt., as M; dis., 2 April, 1880; 2d, 12 May, 1880; dis., 12 May, 1881; 3d, 17 June, 1881; co. trans. to 1st battl. art'y as batt'y C, G. O. 8, 1880; 1st lt., 3 March, 1882.	.	Leicester,	Norwich Univer- sity, Norwich.
<i>First Lieutenant.</i> George A. Sanborn, Lawrence, Oct. 14, 1887.	8th regt., M, 8 April, 1881; 2d, 8 April, 1884; 3d, 8 April, 1885; 4th, 8 April, 1886; priv., corp., egt., 1st egt., 2d lt., 25 May, 1886.	.	Lawrence.	
Charles F. Sargent, Lawrence, May 24, 1893.	8th regt., M, 1st, 16 April, 1881; dis., 16 April, 1884; 2d, 16 April, 1884; dis., 16 April, 1885; 3d, 16 April, 1885; dis., 16 April, 1886; 4th, 16 April, 1886; co. trans. to 1st battl. art'y as batt'y C, 10 May, 1886; 2d lt., 18 April, 1887.	.	Lawrence.	
<i>Second Lieutenant.</i> George H. Goldsmith, Law- rence, May 24, 1893.	1st battl. art'y, battery C, 24 May, 1886 to 24 May, 1889; 2d, 14 July, 1889 to 14 July, 1891; 3d, 14 July, 1891 to 14 July, 1892; 4th, 14 July, 1892 to 24 May, 1893; priv., corp., egt., 1st egt.	.	Ossipee, N. H.	
John S. Powell, Lawrence, May 24, 1893.	8th regt., M, 12 July, 1883; co. trans. to 1st battl. art'y as batt'y C, 10 May, 1886; 2d, 12 July, 1886; 3d, 12 July 1887; 4th, 12 July, 1888; 5th, 12 July, 1889; 6th, 12 July, 1890; 7th, 12 July, 1891; 8th, 12 July, 1892; quar. mas. egt.	.	Wales.	



*Second Brigade, General and Staff—Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Medical Director, rank Lt. Col.</i> Freeman C. Hersey, Salem, April 13, 1891.	8th regt., surg., 1 June, 1886, . . . . .	. . . . .	Corinth, Me., . . . . .	Bowdoin College, Brunswick, Me.
<i>Asst. Insp. Gen., rank Major.</i> Aaron A. Hall, Boston, April 13, 1891.	1st battl. cav., D. 23 May, 1865; priv., corp., sgt., 2d lt., 24 May, 1870; 1st lt., 20 March, 1872; capt., 18 Feb., 1875; res., 3 Jan., 1880; prov. marshal, 8 July, 1882.	42d M. V. M., sgt., 20 July, 1864; dis., 11 Nov., 1864.	Gardiner, Me.	
<i>Asst. Insp. Gen., Rifle Practice, rank Major.</i> (Vacancy.)				
<i>Brig. Quartermaster, rank Capt.</i> Augustus N. Rantoul, Salem, March 30, 1893.	2d brig., N. C. S., quar. mss. sgt., 21 April, 1891,	. . . . .	Salem, . . . . .	CollegedeGenloe, Genloe, Swit- zerland.
<i>Engineer, rank Capt.</i> Philip Little, Salem, May 1, 1891.	2d brig., col. sgt., 14 June, 1888, . . . . .	. . . . .	Swampscott, . . . . .	Institute of Tech- nology.
<i>Judge Advocate, rank Capt.</i> Ellah George, Boston, Aug. 12, 1892.	1st corp cadete, priv., 5 Feb., 1880; capt., judge advo- cate, 1st brig., 13 July, 1881; res., 24 Feb., 1882.	. . . . .	New Rochelle, N.Y.	
<i>Provost Marshal, rank Capt.</i> Gordon Dexter, Beverly, March 30, 1893.	1st corps cadete, 22 Jan., 1886; 2d, 25 Jan., 1889; 3d, 25 Jan., 1890; 4th, 25 Jan., 1891; trans. to 2d brig., N. C. S., as prov. sgt., 6 May, 1891.	. . . . .	Beverly.	
<i>Aides-de-Camp, rank Capt.</i> Newell A. Thompson, Boston, May 25, 1886.	1st regt., sgt., maj., 4 June, 1879; 6th regt., adjt., 29 Dec., 1879; dis., 7 Dec., 1881; sgt. maj., 2d brig., 27 June, 1885.	. . . . .	Boston, . . . . .	Boston Latin School.

William T. Lambert, Boston, Jan. 16, 1884.	1st corps cadets, 1st, 16 March, 1876; 2d, 31 March, 1879; 3d, 26 Aug., 1880; 4th, 11 Oct., 1881; corp., June, 1882; sgt. maj., 2d brig., 7 July, 1882; eng., 10 Jan., 1884.	.	.	.	.	.	.	.	Charlestown.
<i>Signal Officer.</i> Henry W. Sprague, Boston, April 20, 1891.	Signal corps, 2d brig., 4 June, 1886; 2d, 24 June, 1889; 3d, 24 June, 1890; 1st sgt.	.	.	.	.	.	.	.	Lawrence,
<i>Ambulance Officer.</i> Arthur W. Clark, Boston, Nov. 9, 1889.	8th regt., M, priv., corp., sgt., 1st battl. art'y hosp. sgt., 1879 to June 20, 1885; surg., 20 June, 1885; res., 17 July, 1889; 2d amb. corps, 2d brig., 16 Aug., 1889; priv.	.	.	.	.	.	.	.	Granville Military Academy, N. Y., 3 years; Harvard Medical School, 4 years.

## FIFTH REGIMENT INFANTRY.

<i>Colonel.</i> William A. Bancroft, Cambridge, Feb. 7, 1892.	5th regt., K, 14 June, 1875; corp., 28 Aug., 1876; sgt., B, 9 April, 1877; 2d lt., 16 April, 1877; 1st lt., 2 Sept., 1876; capt., 31 March, 1879.	.	.	.	.	.	.	.	Groton.
<i>Lieutenant Colonel.</i> George F. Frost, Waltham, Jan. 30, 1880.	5th regt., F, 2d lt., 8 July, 1874; 1st lt., 21 Jan., 1876; capt., 13 Dec., 1877; maj., 26 Feb., 1879.	45th M. V. M., G, 26 Sept., 1862; dia., 7 July, 1863.	.	.	.	.	.	.	Watertown.
<i>Majors.</i> Jophanus H. Whitney, Medford, April 18, 1884.	Priv., corp., sgt., 1st sgt., F, 5th regt., 1859; 2d lt., Jan., 1867; 1st lt., 24 Feb., 1876; capt., 24 Jan., 1876; res., 3 Aug., 1881; 1st lt., 22 June, 1883.	30th Mass. vol., C, priv., corp., sgt., 1st sgt., 1 Aug., 1862, to 20 June, 1866.	.	.	.	.	.	.	Avon, Mass.
George H. Benyon, Watertown, July 21, 1886.	5th regt., C, 16 April, 1879; priv., corp., 2d lt., 12 Dec., 1881; 1st lt., 1 Sept., 1884; capt., 26 April, 1887; adjt., 15 Sept., 1887.	.	.	.	.	.	.	.	Brighton.
Wm. H. Oakes, Charlestown, Jan. 30, 1889.	5th regt., A, priv., corp., sgt., 20 Sept., 1875; 2d lt., 8 Jan., 1883; capt., 22 June, 1886.	.	.	.	.	.	.	.	Cohasset.

## Fifth Regiment Infantry — Continued.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Adjutant, rank 1st Lt.</i> Harry P. Ballard, Malden, Oct. 18, 1888.	2d corps cadets, 1st, 26 Sept., 1878; dis., 26 Sept., 1876; 2d, 26 Sept., 1876; dis., 26 Sept., 1876; priv., corp., 8th regt., capt., co. L, 5 July, 1883; res., 22 Jan., 1886.	. . . . .	Salem.	
<i>Quartermaster, rank 1st Lt.</i> Frederick P. Barren, Newton, Feb. 20, 1882.	N. E. guards, 35th unatt. co. inf., 1st agt., 18 Nov., 1864; co. asst. to 2d regt., E, 22 March, 1865; dis., 6 Nov., 1865; 2d regt., quarterm., agt., 14 Sept., 1866; regt. disbanded, 29 June, 1867; 1st regt., 1st lt., L, 10 Oct., 1870; res., 30 June, 1873.	. . . . .	Boston.	
<i>Surgeon, rank Major.</i> Charles C. Foster, Cambridge, March 25, 1889.	1st corps cadets, 11 March, 1886; asst. surg., 5th regt., 27 April, 1887.	. . . . .	Cambridge.	Harvard University, 1886; Cambridge Hospital, 1886.
<i>Asst. Surgeon, rank 1st Lt.</i> H. Lincoln Chase, Brookline, July 26, 1889.	1st battl. art'y, 10 July, 1887; hosp. stew., asst. surg., 26 July, 1889.	. . . . .	Newton Centre,	Harvard University.
<i>Paymaster, rank 1st Lt.</i> Albert C. Warren, Newton, Dec. 27, 1889.	1st regt., L and C, Feb., 1871; dis., Feb., 1874; 2d, 6th regt., C, 11 Jan., 1879; dis., 11 Jan., 1882; 3d, 11 Jan., 1889; dis., 28 Oct., 1889, corp., agt.; 4th, quar. mas. agt., 30 July, 1883.	. . . . .	St. Louis, Mo.,	Union Hall Academy, N. Y.; Institute Technology.
<i>Insp. Rifle Practice, rank 1st Lt.</i> Robert B. Edes, Newton, Aug. 17, 1886.	1st regt., L and C, 1st battl., 6th regt., C, priv., corp., agt., July, 1871, to 16 Jan., 1879; 2d lt., F, 26 July, 1883; 1st lt., 9 July, 1884.	. . . . .	Charlestown.	Bigelow School, Newton; Eglish High, Boston.

<i>Chaplain.</i> Samuel J. Barrows, Boston, Oct. 6, 1882.									New York, N. Y.
COMPANY A — Boston.									
<i>Captain.</i> Willis W. Slover, Charlestown, Nov. 17, 1890.	6th regt., A, 28 June, 1886; corp., sgt., 2d lt., 31 March, 1890.								Charlestown, . . . Boston Latin.
<i>First Lieutenant.</i> William E. Tolman, Boston, Dec. 10, 1888.	6th regt., A, 30 Oct., 1885; dis., 30 Oct., 1888; 2d, 30 Oct., 1888; priv., corp., sgt., 1st sgt.								Charlestown.
<i>Second Lieutenant.</i> Rowland W. Bray, Charlestown, June 22, 1893.									
COMPANY B — Cambridge.									
<i>Captain.</i> Edward E. Mason, Cambridge, July 10, 1893.	6th regt., B, 12 July, 1886; 2d, 12 July, 1889; 3d, 12 July, 1890; priv., corp., sgt., 2d lt., 18 May, 1891.								Cambridge.
<i>First Lieutenant.</i> William G. Phillips, Dorchester, May 18, 1891.	6th regt., B, 9 Nov., 1893; 2d, 9 Nov., 1895; 3d, 9 Nov., 1896; 4th, 9 Nov., 1887; 5th, 9 Nov., 1888; 6th, 9 Nov., 1890; 7th, 9 Nov., 1890; priv., corp., sgt., 1st sgt.								Wenham.
<i>Second Lieutenant.</i> Charles W. Facey, Cambridge, July 10, 1893.	6th regt., B, 10 March, 1890; 2d, March, 1893; priv., corp., sgt.								Cambridge.
COMPANY C — Newton.									
<i>Captain.</i> David C. Scott, Newton Centre, Oct. 17, 1892.	6th regt., C, 19 Nov., 1883; dis., 19 Nov., 1890; 2d, 19 Nov., 1886; dis., 19 Nov., 1887; 3d, 19 Nov., 1887; priv., corp., sgt., 2d lt., 7 May, 1888; 1st lt., 15 Feb., 1890.								York County, New Brunswick.

*Fifth Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> Roby S. Cordingley, Newton, Oct. 17, 1892.	6th regt., C, 2 Jan., 1883; dis., 2 Jan., 1886; 2d, 2 Jan., 1886; dis., 2 Jan., 1889; 3d, 2 Jan., 1889; corp., sgt., 1st sgt., 2d lt., 11 March, 1889.	. . . . .	Boston, . . . .	Newton High.
<i>Second Lieutenant.</i> J. Albert Scott, Newton Centre, Nov. 14, 1892.	5th regt., C, 8 July, 1887; 2d, 8 July, 1890; 3d, 8 July, 1891; 4th, 8 July, 1892; priv., corp., sgt.	. . . . .	St. John, New Brunswick.	
COMPANY D — Plymouth. <i>Captain.</i> Willard C. Butler, Plymouth, May 16, 1892.	1st regt., H, 14 March, 1881, to 25 May, 1883; 2d lt., 20 Feb., 1891.	. . . . .	Kingston.	
<i>First Lieutenant.</i> Arthur W. Harlow, Plymouth, May 16, 1892.	5th regt., D, 16 July, 1888; 2d, 16 July, 1891; corp., sgt., 1st sgt.	. . . . .	Plymouth.	
<i>Second Lieutenant.</i> Edwin A. Dunton, Plymouth, June 13, 1892.	5th regt., D, 27 Jan., 1890; corp., sgt., 2d lt., 16 May, 1892; dis., 26 May, 1892.	. . . . .	Plymouth.	
COMPANY E — Medford. <i>Captain.</i> Thomas C. Henderson, Medford, Feb. 11, 1892.	5th regt., B, priv., corp., sgt., 19 Jan., 1874, to 12 March, 1877; 1st lt., 31 March, 1879; capt., 20 Feb., 1882; reas. 13 Feb., 1883; capt., 19 May, 1884; maj., 1 June, 1888; dis., 8 June, 1888.	. . . . .	England.	

<i>First Lieutenant.</i> John U. Wescott, West Medford, March 23, 1891.	5th regt., E, 24 Nov., 1884; dis., 24 Nov., 1887; 2d, 28 Jan., 1889; dis., 28 Jan., 1890; 3d, 14 March, 1890; dis., 14 March, 1890; 4th, 14 March, 1890; priv., corp., sgt., 1st sgt., 2d lt., 20 Nov., 1890.	.	.	.	.	.	.	.	.	Patten, Me.
<i>Second Lieutenant.</i> George H. Lowe, Medford, Dec. 12, 1892.	5th regt., E, 13 June, 1887; 2d, 13 June, 1890; 3d, 13 June, 1892; priv., corp., sgt., 1st sgt.	.	.	.	.	.	.	.	.	Stoneham.
COMPANY F — Waltham. <i>Captain.</i> Murray D. Clement, Waltham, May 11, 1891.	.	.	.	.	.	.	.	.	.	Barnet, Vt.
<i>First Lieutenant.</i> Clifford E. Hamilton, Waltham, Aug. 7, 1893.	6th regt., A, 6 Sept., 1892, to 7 Dec., 1894; 2d, 5th regt., F, 30 Oct., 1887, to 3 July, 1888; 3d, 7 Oct., 1892; corp.	.	.	.	.	.	.	.	.	Portland, Me. Portland Cadets, Me. V. M., 1884-1886; corp.
<i>Second Lieutenant.</i> William E. Whiting, Waltham, May 8, 1893.	5th regt., C and F, 2 March, 1886; dis., 2 March, 1888; 2d, 12 April, 1888; 2d lt., 11 March, 1889; res., 6 Aug., 1889; 3d, 6 Oct., 1891; dis., 10 March, 1892; 4th, 16 July, 1892; priv., corp., sgt.	.	.	.	.	.	.	.	.	Charlestown.
COMPANY G — Woburn. <i>Captain.</i> Joseph C. Larock, Woburn, Oct. 17, 1892.	5th regt., G, 6 May, 1881; dis., 6 May, 1884; 2d, 6 May, 1884; dis., 6 May, 1888; 3d, 6 May, 1888; dis., 6 May, 1889; 4th, 6 May, 1889; priv., corp., sgt., 1st sgt., 2d lt., 24 April, 1891; 1st lt., 18 June, 1891.	.	.	.	.	.	.	.	.	Bakersfield, Vt.
<i>First Lieutenant.</i> Edward F. Weyer, Woburn, Dec. 12, 1892.	5th regt., G, 31 Jan., 1889; 2d, 31 Jan., 1892; 2d lt., 17 Oct., 1892.	.	.	.	.	.	.	.	.	Woburn.
<i>Second Lieutenant.</i> William W. Wade, Woburn, Dec. 12, 1892.	5th regt., G, 11 June, 1892,	.	.	.	.	.	.	.	.	Woburn, . . . Woburn High.

*Fifth Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>COMPANY H — Boston.</b>				
<i>Captain.</i> Francis Meredith, Jr., Charlestown, July 16, 1892.	5th regt., A, 16 Nov., 1896; dis., 15 Nov., 1899; priv., corp., sgt.; 2d, 9 Dec., 1899; 2d lt., H, 22 Jan., 1899; 1st lt., 24 Nov., 1899.	.	Birmingham, Eng.	
<i>First Lieutenant.</i> Fred McDonald, Charlestown, July 16, 1892.	1st battl. cav., A, 18 Oct., 1887; dis., 18 Oct., 1890; 2d lt., 26 Nov., 1890.	.	Charlestown.	
<i>Second Lieutenant.</i> Henry Y. Gleason, Somerville, Aug. 11, 1892.	5th regt., H, 20 July, 1891; priv., corp., sgt., .	.	Somerville.	
<b>COMPANY I — Attleborough.</b>				
<i>Captain.</i> William H. Goff, Attleborough, Nov. 18, 1887.	.	24th M. V., H, 21 Oct., 1891; re-enlisted 4 Jan., 1894; mus. out, 20 Jan., 1896; corp., sgt.	Rehoboth.	
<i>First Lieutenant.</i> Herbert A. Clark, Attleborough, April 26, 1892.	5th regt., I, 18 Nov., 1887, sgt.; 2d lt., 14 Feb., 1890, .	.	Middleborough.	
<i>Second Lieutenant.</i> George H. Sykes, Attleborough, April 26, 1892.	5th regt., I, 18 Nov., 1887; 2d, 18 Nov., 1890; 3d, 18 Nov., 1891, corp., sgt., 1st sgt.	.	Ashton, England.	

<b>Captain.</b>	<b>Brantree.</b>
<b>Walter E. Morrison,</b> Nov. 21, 1887.	.
<b>First Lieutenant.</b> <b>Henry L. Kincade,</b> South Quincy, June 9, 1890.	. . 1st regt., K, 2 Aug., 1887; 2d lt., 21 Nov., 1887, .
<b>Second Lieutenant.</b> <b>Frank N. Benson,</b> Quincy, May 9, 1892.	. . 5th regt., K, 18 July, 1890; priv., . . . . .
<b>Company L — Malden.</b>	
<b>Captain.</b> <b>Elmore E. Locke,</b> Malden, Aug. 21, 1891.	. . 1st brig., sgt., clerk., 20 Sept., 1878; capt. and a. d. c., 11 Feb., 1881; res., 24 Feb., 1882.
<b>First Lieutenant.</b> <b>James H. Mann,</b> Malden, Feb. 8, 1892.	. . 6th regt., L, 8 Sept., 1886; 2d, 8 Sept., 1889; priv., corp., sg., 2d lt., 30 June, 1892.
<b>Second Lieutenant.</b> <b>Frank F. Cutting,</b> Chelsea, Feb. 8, 1892.	. . 5th regt., H, 23 April, 1884; trans. to L, 8th regt., 3 Jan., 1885; 2d, 23 April, 1887; co. trans. 6th regt.; 2d March, 1888; 8d, 23 April, 1888; 4th, 23 April, 1890; 6th, 23 April, 1890; 6th, 23 April, 1891.
<b>Company M — Hudson.</b>	
<b>Captain.</b> <b>Adelbert M. Gosman,</b> Hudson, Nov. 16, 1887.	. . 6th regt., I, 1890-1871, 35th N. J. vols., . . . . . Searport, Me.

*Fifth Regiment Infantry — Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> William M. Prost, Hudson, Nov. 6, 1863.	. . . . .	. . . . .	Blackburn, Eng.	
<i>Second Lieutenant.</i> Charles F. Reed, Hudson, June 30, 1863.	6th regt., M, 1 Dec., 1891, priv., corp., . . . . .	. . . . .	Northfield, Minn.	

## EIGHTH REGIMENT INFANTRY.

<i>Colonel.</i> Charles L. Dodge, Beverly, Oct. 6, 1863.	2d unatt. inf., 1st Sgt., 1865; 8th regt., 2d lt., E, 3 June, 1868; 1st lt., 24 July, 1874; capt., 20 April, 1877; com. vacated, 11 Jan., 1881, decision sup. jud. court; re-elected, 20 April, 1882; maj., 10 May, 1883; lt. col., 10 June, 1890.	. . . . .	Salem.	
<i>Lieutenant Colonel.</i> Eben T. Brackett, Lynn, Oct. 6, 1863.	11th unatt. co. inf., April, 1865; 8th regt., I, 1 Sept., 1872; corp., mus. in, 14 July, 1873; Sgt., 4 Aug., 1873; dia., 14 July, 1876; 7th battl., I, 4 Aug., 1876; 1st Sgt., 4 June, 1877; dia., 4 Aug., 1879; 8th regt., I, 4 Aug., 1879; 2d lt., 24 Feb., 1882; capt., 17 April, 1883.	. . . . .	Charlestown.	
<i>Major.</i> Winsor M. Ward, Wakefield, June 16, 1863.	7th regt., B, 1853 to 1856; priv., 1st lt., K, 8th regt., 24 Oct., 1860; capt., 21 April, 1871; res., 10 March, 1877; capt., 27 Nov., 1883.	2d co. sharpshooters, M. V., 19 Sept., 1891; dia., 19 May, 1893; corp., Sgt., 1st lt., 19 May, 1893; dia., 21 Sept., 1894.	Peabody.	



*Eighth Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> (Vacancy.)				
<i>Second Lieutenant.</i> Newburyport, Nov. 16, 1862.	8th regt., A, 12 Dec., 1888; corp., 2 July, 1891; 2d, 12 Dec., 1891.	. . . . .	Newburyport.	
COMPANY B — Amesbury.				
<i>Captain.</i> Allison E. Tuttle, Amesbury, Nov. 18, 1893.	8th regt., B, 2d lt., 26 June, 1893, . . . . .	. . . . .	Stafford, N. H.	
<i>First Lieutenant.</i> John E. Higgins, Amesbury, June 26, 1893.	8th regt., B, 21 Nov., 1887; 2d, 21 Nov., 1890; 3d, 21 Nov., 1891; 1st lt., 2d lt., 11 April, 1892.	. . . . .	Foxcroft, Me.	
<i>Second Lieutenant.</i> (Vacancy.)				
COMPANY C — Marblehead.				
<i>Captain.</i> Frank A. Graves, Marblehead, July 3, 1893.	8th regt., C, 14 Aug., 1883; dis., 14 Aug., 1890; 2d, 14 Aug., 1890; dis., 14 Aug., 1897; 3d, 9 Sept., 1897; dis., 9 Sept., 1898; 4th, 9 Sept., 1898; priv., corp., 1st lt., 30 Aug., 1899.	. . . . .	Marblehead.	
<i>First Lieutenant.</i> Charles H. Snow, Marblehead, July 3, 1893.	8th regt., C, 14 Aug., 1883; dis., 14 Aug., 1890; 2d, 14 Aug., 1890; dis., 14 Aug., 1897; 3d, 12 Dec., 1897; 4th, 12 Dec., 1898; 4th, 12 Dec., 1898; priv., corp., 2d lt., 30 Aug., 1899.	. . . . .	Marblehead.	

<i>Second Lieutenant.</i> Charles A. Snee, Marblehead, Sept. 11, 1893.	2d corps cadets, 9 Jan., 1891, to 18 Aug., 1892, . . . . .	. . . . .	. . . . .	. . . . .	Philadelphia, Pa.
COMPANY D — Lynn.					
<i>Captain.</i> Freeman Murray, Lynn, Jan. 2, 1889.	8th regt., D, 5 April, 1873; corp., 21 April, 1874; sgt., 1877; 1st sgt., 6 May, 1881; 1st lt., 8 Feb., 1884.	. . . . .	. . . . .	. . . . .	Robinstown, Me.
<i>First Lieutenant.</i> Henry B. Goodridge, Lynn, Jan. 2, 1889.	7th battl., F, 22 March, 1875; dis., 15 Aug., 1878; 2d, 8th regt., D, 1 March, 1880; 3d, 1 March, 1883; priv., corp., sgt., 1st sgt., 2d lt., 25 June, 1886.	. . . . .	. . . . .	. . . . .	Lynn.
<i>Second Lieutenant.</i> Charles T. Hilliker, Lynn, Jan. 2, 1889.	8th regt., D, 27 Feb., 1885; dis., 27 Feb., 1888; 2d, 27 Feb., 1888; priv., corp., sgt.	. . . . .	. . . . .	. . . . .	Lynn.
COMPANY E — Beverly.					
<i>Captain.</i> William Stonford, Beverly, April 10, 1893.	2d corps cadets, 29 May, 1875; dis., 29 May, 1878; 2d, 3 June, 1878; dis., 3 June, 1879; 3d, 25 June, 1879; dis., 25 June, 1880; 4th, 18 Jan., 1882; dis., 18 Jan., 1885; 5th, 18 Jan., 1885; dis., 18 Jan., 1888; 6th, 18 Jan., 1888; priv., corp., sgt., 1st sgt., 2d lt., 22 July, 1889; 1st lt., 18 March, 1892.	. . . . .	. . . . .	. . . . .	Manchester, Eng.
<i>First Lieutenant.</i> Joseph W. Preston, Beverly, April 10, 1893.	8th regt., E, 2d lt., 18 March, 1892.	. . . . .	. . . . .	. . . . .	
<i>Second Lieutenant.</i> Henry A. Moulton, Beverly, July 7, 1893.	8th regt., E, 16 Nov., 1891; corp., . . . . .	. . . . .	. . . . .	. . . . .	Beverly.

*Eighth Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>COMPANY F — Haverhill.</b>				
<i>Captain.</i> William G. Dow, Haverhill, March 14, 1883.	8th regt., F, 6 July, 1885; dis., 6 July, 1888; 2d, 6 July, 1888; priv., corp., 1st agt., 1st lt., 13 May, 1890.	. . . . .	Haverhill.	
<i>First Lieutenant.</i> Willmot U. Mace, Haverhill, March 14, 1883.	8th regt., F, 26 June, 1888; dis., exp., corp., 1st agt., 2d lt., 10 Feb., 1891.	. . . . .	Eye, N. H.	
<i>Second Lieutenant.</i> Thomas F. Crowley, Haverhill, May 9, 1893.	8th regt., F, 26 June, 1888, to 9 May, 1893; priv., corp., agt.	. . . . .	Bradford.	
<b>COMPANY G — Gloucester.</b>				
<i>Captain.</i> Richard P. O'Reilly, Gloucester, June 30, 1890	8th regt., G, 14 June, 1888; dis., 10 June, 1888; 2d lt., 10 June, 1888; dis., 2 Dec., 1888; disbandment of co.; 1st lt., 18 Feb., 1886.	. . . . .	Wareham.	
<i>First Lieutenant.</i> William J. Crawley, Jr., Gloucester, June 30, 1890.	8th regt., G, 1884; priv., corp., agt., dis., 2 Dec., 1885; disbandment of co.; 2d, 18 Feb., 1886; 2d lt., 12 April, 1888.	. . . . .	Boston.	
<i>Second Lieutenant.</i> Francis C. Noyes, Gloucester, May, 1893.	8th regt., G, 18 April, 1881, to 18 April, 1884; 2d, 26 Sept., 1884, to 12 Feb., 1885; 3d, 6 July, 1886, to 2 Dec., 1886; disbandment of co.; 4th, 18 Feb., 1886, to 18 Feb., 1889; 5th, 18 Feb., 1889, to 18 Feb., 1890; 20 Feb., 1890; 2d lt., 20.	. . . . .	Gloucester.	

COMPANY H — Salem. <i>Captain.</i> Herbert F. Staples, Salem, June 3, 1886.	8th regt., H, 28 June, 1873; corp., 26 April, 1880; sgt., 4 April, 1881; 1st sgt., 26 May, 1884; 1st lt., 23 July, 1884.	.	.	.	.	.	.	Broomfield, Vt.
	8th regt., 5 Feb., 1885; 2d, 5 Feb., 1888; 3d, 5 Feb., 1889; 4th, 26 April, 1890; 5th, 26 April, 1891; corp., sgt., 1st sgt., 2d lt., 15 June, 1891.	.	.	.	.	.	.	Salem.
Second Lieutenant. Dudley P. Furbeck, Salem, June 19, 1893.	8th regt., H, 28 March, 1888, to 28 March, 1892, priv., corp., sgt.	.	.	.	.	.	.	Salem.
COMPANY I — Lynn. <i>Captain.</i> George N. E. Cousins, Lynn, Nov. 7, 1883.	1st regt., C, 1 Nov., 1872; sgt., 22 Dec., 1873; 2d lt., 2 March, 1874; 1st lt., 26 Feb., 1875; capt., 6 Feb., 1877; res., 29 Nov., 1878; 2d, 8th regt., I, 13 Sept., 1887; sgt., 2d lt., 18 March, 1890; 1st lt., 12 April, 1892.	18th M. V., 32d, K, 17 Aug., 1861, to July, 1866.	.	.	.	.	.	Waltham.
First Lieutenant. Enoch Gove, Lynn, Nov. 7, 1893.	8th regt., I, 27 June, 1873; 2d, 7th batt., I, 21 July, 1876; 3d, 8th regt., I, 4 Aug., 1879; 4th, 4 Aug., 1882; 5th, 4 Aug., 1886; 6th, 4 Aug., 1888; 7th, 4 Aug., 1889; 8th, 4 Aug., 1890; 9th, 4 Aug., 1891; priv., corp., sgt., 1st sgt., 2d lt., 12 April, 1892.	.	.	.	.	.	.	Lynn.
Second Lieutenant. Charles E. Hodgdon, Lynn, Nov. 7, 1893.	8th regt., I, 14 Dec., 1883, to 7 Nov., 1893, priv., corp., sgt.	.	.	.	.	.	.	Lynn.
COMPANY K — Danvers. <i>Captain.</i> Frank C. Damon, Danvers, April 7, 1891.	2d corps cadets, 6 Aug., 1883; 2d, 12 Aug., 1887; dis., exp., 12 Aug., 1890; 8th regt., K, 26 March, 1891.	.	.	.	.	.	.	Middleton.

*Eighth Regiment Infantry—Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> Fred U. French, Danvers, April 11, 1892.	2d lt., 7 April, 1891, . . . . .	. . . . .	Deerfield Centre, N. H.	
<i>Second Lieutenant.</i> A. Preston Chase, Danvers, May 16, 1892.	8th regt., K, 25 March, 1891, . . . . .	. . . . .	Danvers.	
COMPANY L—North Andover. <i>Captain.</i> Frank A. Coan, North Andover, March 16, 1892.	6th regt., K, 1875 to 1878; 2d, 8th regt., L, 2 April, 1888; 1st sgt., 2d lt., 18 Dec., 1889; 1st lt., 8 Feb., 1892.	. . . . .	Tobyhanna, Pa.	
<i>First Lieutenant.</i> James Forbes, North Andover, March 16, 1893.	8th regt., L, 2 April, 1889; priv., corp., 2d lt., 10 May, 1893.	. . . . .	North Andover.	
<i>Second Lieutenant.</i> Thomas J. Lawless, Jr., North Andover, March 16, 1893.	8th regt., L, 2 April, 1888, to 16 March, 1893; priv., corp., sgt.	. . . . .		
COMPANY M—Somerville. <i>Captain.</i> Horace M. Parsons, Somerville, Oct. 12, 1891.	9th regt., M, 3 June, 1886; 2d lt., 16 May, 1889; 1st lt., 13 June, 1890.	. . . . .	Rockport.	
<i>First Lieutenant.</i> James Forbes, North Andover, March 16, 1893.	8th regt., L, 2 April, 1889; 2d lt., 16 May, 1892, . . . . .	. . . . .	Aberdeenshire, Scotland.	

<i>Second Lieutenant.</i> George L. Marshall, Somerville, Oct. 12, 1891.		1st regt., B, 13 Feb., 1888; trans. to M. 8th regt., 7 June, 1889; 2d, 1st regt., K, 13 March, 1891; trans. to headquarters, 6 April, 1891.	. . . . .	Gloucester.
<b>NINTH REGIMENT INFANTRY.</b>				
<i>Colonel.</i> Frederick B. Bogan, Boston Jan. 3, 1893.	5th regt., D, 7 July, 1866; 2d lt., 30 March, 1871; capt., 4 March, 1872; maj., 9th regt., 19 Jan., 1874; col., A. I. G., staff com.-in-chief, 13 Jan., 1892.	. . . . .	. . . . .	Boston.
<i>Lieutenant Colonel.</i> Lawrence J. Logan, Boston, Nov. 6, 1886.	9th regt., 1st lt., D, 28 April, 1865; capt., 2 April, 1869; maj., 4 March, 1872; dis., 28 April, 1876; lt. col., 20 Jan., 1879; res., 10 July, 1889.	. . . . .	. . . . .	Ireland.
<i>Majors.</i> Patrick J. Grady, Boston, April 6, 1881.	9th regt., 2d lt., H, 5 April, 1877; 1st lt., 4 Jan., 1878, capt., 7 March, 1879.	. . . . .	. . . . .	County Clare, Ire- land.
William H. Donovan, Lawrence, June 27, 1888.	6th regt., I, May, 1871; corp., agt., 2d lt., 25 June, 1877; 1st lt., 11 Aug., 1879; capt., 25 June, 1884.	. . . . .	. . . . .	Pennsylvania.
Michael J. O'Connor, South Boston, March 30, 1892.	9th regt., I, 6 Jan., 1888; priv., 1st lt., 6 Jan., 1888; adjt., 20 July, 1889.	. . . . .	. . . . .	Boston.
<i>Adjutant, rank 1st Lt.</i> Joseph J. Kelley, South Boston, April 16, 1892.	Amb. corps, 2d brig., 27 May, 1887; priv., trans. to I, 9th regt., 25 Feb., 1888; corp., agt., 1st lt., 16 Sept., 1889; capt., 6 July, 1891.	. . . . .	. . . . .	Boston High.
<i>Quartermaster, rank 1st Lt.</i> James H. Nugent, Boston, July 16, 1888.	1st regt., 1837-60, 1860-71; 9th regt., C, 15 April, 1875; 2d lt., 14 June, 1876; 1st lt., 21 July, 1876; dis., 6 Sept., 1879; 2d lt., 6 Dec., 1880.	1st Mass. vols., D, 24 May, 1861; dis., 20 Nov., 1862.	. . . . .	Boston.
<i>Surgeon, rank Major.</i> William H. Devine, South Bos- ton, May 1, 1888.	9th regt., asst. surg., 16 July, 1883; surg., 1 March, 1884; res., 7 Feb., 1887.	. . . . .	. . . . .	Boston, . . . High and Latin; Harvard.

## Ninth Regiment Infantry — Continued.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Asst. Surgeon, rank 1st Lt.</i> Dennis F. O'Callaghan, South Boston, June 15, 1888.	. . . . .	. . . . .	Lowell.	
<i>Paymaster, rank 1st Lt.</i> Henry Dobbins, Boston, Feb. 12, 1891.	. . . . .	. . . . .		
<i>Inspector Rifle Practice, rank 1st Lt.</i> John Breen, Lawrence, June 21, 1888.	. . . . .	. . . . .	Tipperary, Ireland.	
<i>Chaplain.</i> James Lee, Boston, July 1, 1894.	. . . . .	. . . . .	County Cork, Ireland.	Boston Latin, 2 years.
COMPANY A — Boston.				
<i>Captain.</i> Daniel J. Keefe, Somerville, Sept. 17, 1889.	6th regt., B, 20 March, 1876; co. disbanded, 6 July, 1876; 9th regt., A, 12 Feb., 1878; sgt., dis., 12 Feb., 1881; 2d, 22 March, 1881; dia., 22 March, 1882; 8d, 7 June, 1882; 1st lt., 15 Aug., 1882; capt., 22 April, 1884; res., 15 June, 1886; capt., 24 Nov., 1886; res., 14 Sept., 1888.	. . . . .	Somerville.	
<i>First Lieutenant.</i> George M. Rogers, Boston, July 10, 1893.	9th regt., A, 3 July, 1888; 2d, 20 July, 1891; corp., sgt., 1st sgt.; 2d lt., 31 Aug., 1891.	. . . . .	Boston.	

<i>Second Lieutenant.</i> Timothy J. Sullivan, Boston, July 16, 1893.	2d lt., B, 9th regt., 9 Dec., 1887,	.	.	.	.	.	.	.	At sea, . . .	English High.
COMPANY B — Boston. <i>Captain</i> George F. H. Murray, South Boston, May 1, 1888.	9th regt., B, 22 Aug., 1889; dis., 22 Aug., 1888; 2d, 4 Nov., 1888; dis., 4 Nov., 1889; 3d, 8 Jan., 1887; dis., 8 Jan., 1888; 4th, 8 Jan., 1888; priv., corp., sgt., 1st sgt.	.	.	.	.	.	.	.	County Cavan, Ire- land.	
<i>First Lieutenant.</i> Patrick F. King, Boston, May 1, 1888.	9th regt., B, 12 May, 1888; dis., 12 May, 1888; 2d, 7 July, 1888; dis., 7 July, 1889; 3d, 22 July, 1890.	.	.	.	.	.	.	.	South Boston.	
<i>Second Lieutenant.</i> Michael J. Desmond, South Boston, June 20, 1890.		.	.	.	.	.	.	.		
COMPANY C — Boston. <i>Captain.</i> Thomas F. Quinian, Boston, July 6, 1893.	9th regt., A, 7 Aug., 1888; dis., 7 Aug., 1889; 2d, 10 Aug., 1890; dis., 10 Aug., 1887; 3d, 10 Aug., 1887; dis., 10 Aug., 1888; 4th, 10 Aug., 1888; dis., 10 Aug., 1889; 5th, 10 Aug., 1889; priv., corp., sgt., 1st lt., 17 Sept., 1889.	.	.	.	.	.	.	.	Boston.	
<i>First Lieutenant.</i> Henry Crane, Boston, May 12, 1890.	9th regt., C, 10 July, 1888; dis., 10 July, 1889; 2d, 14 Oct., 1889; priv., corp., sgt., 2d lt., 29 April, 1889.	.	.	.	.	.	.	.	Brookline.	
<i>Second Lieutenant.</i> (Vacancy.)		.	.	.	.	.	.	.		
COMPANY D — Boston. <i>Captain.</i> Frank T. L. Macarri, Charles- town, May 12, 1890.	9th regt., D, 1st lt., 23 May, 1887; res., 7 May, 1888,	.	.	.	.	.	.	.	Charlestown, . .	Charlestown High.

*Ninth Regiment Infantry — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> David M. Crotty, Charlestown, Feb. 5, 1891.	9th regt., G, 2 years, 7 months; D, 17 May, 1888; 2d lt., 12 May, 1890.	. . . . .	Charlestown.	
<i>Second Lieutenant.</i> John B. Carey, Jr., Charlestown, Feb. 5, 1891.	9th regt., D, 1 March, 1888; dis., exp., 1 March, 1891; priv., corp., Sgt.	. . . . .	Charlestown.	
COMPANY E — Boston. <i>Captain.</i> Jeremiah G. Kenney, Boston, Aug. 1, 1889.	9th regt., I, 4 Aug., 1874; co. disbanded, 6 July, 1876; 2d, E, 12 Sept., 1876; dis., 12 Sept., 1879; 3d, 12 Sept., 1879; dis., 12 Sept., 1880; 4th, 2 June, 1880; dis., 2 June, 1881; 1st lt., 13 May, 1889.	. . . . .	Glanworth, Ire.	
<i>First Lieutenant.</i> John J. Sullivan, Boston, Aug. 1, 1889.	. . . . .	. . . . .	Boston, . . .	Boston High.
<i>Second Lieutenant.</i> (Vacancy.) COMPANY F — Lawrence. <i>Captain.</i> Joseph H. Joubert, Lawrence, May 6, 1890.	9th regt., F, 23 June, 1881; 2d, 23 June, 1884; corp., Sgt., 1st Sgt., 2d lt., 25 July, 1886; 1st lt., 14 Aug., 1888.	. . . . .	Yellow Springs, Ohio.	
<i>First Lieutenant.</i> Patrick A. Sands, Lawrence, May 6, 1890.				

<i>Second Lieutenant.</i> Michael S. Boies, Lawrence, Feb. 13, 1891.	. . . . .	20 years R. I. militia; priv., corp., sgt., 2d lt., 1st lt., capt.	Ireland.
COMPANY G — Worcester.			
<i>Captain.</i> William Regan, Worcester, May 10, 1887.	. . . . .	. . . . .	Ireland.
<i>First Lieutenant.</i> Jeremiah Moyulhan, Worcester, June 12, 1883.	9th regt., G, 10 May, 1887, to 12 June, 1893, priv., corp., sgt.	. . . . .	Ireland.
<i>Second Lieutenant.</i> Marshall E. Hines, Worcester, July 22, 1893.	9th regt., 10 May, 1887, to 23 Aug., 1893,	. . . . .	Falls Village, Conn.
COMPANY H — Boston.			
<i>Captain.</i> John J. Hayes, Boston, Feb. 11, 1890.	9th regt., H, 2 May, 1883; 2d, 28 June, 1886; priv., sgt., 1st sgt., 2d lt., 23 Sept., 1896; 1st lt., 17 Feb., 1888.	. . . . .	Boston.
<i>First Lieutenant.</i> Benjamin J. Flanagan, Cam- bridge, Feb. 11, 1890.	9th regt., H, 11 Dec., 1883; dis., 11 Dec., 1886; 2d, 11 Dec., 1886; dis., 11 Dec., 1887; 3d, 9 Jan., 1888; priv., corp., sgt., 1st sgt., 2d lt., 17 Feb., 1893.	. . . . .	New York, N. Y.
<i>Second Lieutenant.</i> (Vacancy.)			
COMPANY I — South Boston.			
<i>Captain.</i> Lewis A. Dowd, South Boston, May 16, 1892.	9th regt., I, 6 Jan., 1893; priv., corp., sgt., 2d lt., 16 Sept., 1893; 1st lt., 6 July, 1891.	. . . . .	Boston.

*Ninth Regiment Infantry — Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>First Lieutenant.</i> John H. Dunn, South Boston, May 16, 1892.	2d lt., 6 July, 1891.			
<i>Second Lieutenant.</i> William J. Casey, Boston, May 16, 1892.	9th regt., I, 25 Feb., 1899; 2d, 26 Feb., 1892; priv., corp., sgt.	. . . . .	South Boston.	
COMPANY K — Clinton.				
<i>Captain.</i> William F. Shaughnessy, Clinton, March 23, 1891.	6th regt., K, 2d lt., 7 Dec., 1895; 1st lt., 23 March, 1898,	. . . . .	Bolton.	
<i>First Lieutenant.</i> Peter J. Cannon, Clinton, March 23, 1891.	6th regt., K, 7 Dec., 1895; co. trans. to 9th regt., 26 March, 1898; 2d, 7 Dec., 1898; 3d, 7 Dec., 1899; priv., sgt., 1st sgt.	. . . . .	Ireland.	
<i>Second Lieutenant.</i> John B. Gallagher, Clinton, March 23, 1891.	6th regt., K, 3 June, 1897; co. trans. to 9th regt., 26 March, 1898; sgt.	. . . . .	Clinton.	
COMPANY L — Natick.				
<i>Captain.</i> Michael E. Morris, Natick, Nov. 27, 1893.	1st regt., G, 8 June, 1896; co. trans. to 9th regt., as co. L, 16 March, 1898; 2d, 6 June, 1899; 3d, 8 June, 1900; 4th, 8 June, 1901; priv., corp., sgt., 2d lt., 9 May, 1892.	. . . . .	Natick.	
<i>First Lieutenant.</i> Daniel J. Murphy, Natick, Nov. 27, 1893.	1st regt., G, 9th regt., L, 8 June, 1897, to 27 Nov., 1898; sgt.	. . . . .	Ireland.	

<i>Second Lieutenant.</i> Philip Conneally, Natick, Nov. 27, 1893.	1st regt., G, 9th regt., L, 6 Jan., 1897, to 27 Nov., 1893; priv.	.	.	.	.	.	.	.	Boston.
<b>COMPANY M — Lowell.</b>									
<i>Captain.</i> Anthony D. Mitten, Lowell, June 11, 1891.	6th regt., C, 1 Jan., 1877; dis., 27 Aug., 1880; 2d, 11 Oct., 1882; dis., 6 June, 1885; priv., corp., 3d, 3 March, 1886; dis., 6 May, 1887; 2d lt., 2 April, 1888.	.	.	.	.	.	.	.	Fitchburg.
<i>First Lieutenant.</i> John Ganley, Lowell, June 11, 1891.	6th regt., cos. D and H, 3 years; 2d, 9th regt., M, 2 April, 1891; 2d lt., 7 May, 1891.	.	.	.	.	.	.	.	Lowell.
<i>Second Lieutenant.</i> Philip McNulty, Lowell, May 4, 1893.									

### LIGHT ARTILLERY.

<b>BATTERY A — Boston.</b>									
<i>Captain.</i> Dexter H. Follett, Boston, Dec. 23, 1886.	Boston lgt. inf., 20 July, 1881; 1st regt. inf., D, 4th lt., Boston, lgt. guard, 15 June, 1882; 1st lt., 29 March, 1883; dis., 19 Sept., 1883; re-elected, 25 Oct., 1883; capt., 21 March, 1884; dis., 4 Jan., 1885; Boston lgt. art'y. adjt., 21 Feb. 1886; dis., June, 1886; re-app., 18 June, 1890; dis., 26 Dec. 1890; re-app., 1 Jan., 1891; maj., 1st battl. lgt. art'y., 4 Dec., 1871; dis., 28 April, 1876; app. maj. 1st battl. cav., 3 Aug., 1876; dis., 3 Jan., 1882.	3d batt'y Mass. vols., capt., 5 Sept., 1861; dis., 27 Nov., 1861.						Boston.	
<i>First Lieutenants.</i> Wm. H. Kuddick, South Boston, June 7, 1887.	2d lt., 8 July, 1886, . . . . .	7th batt'y, M. V., 3 May, 1862; dis., 2 May, 1865.							Moncton, N. B.

*Light Artillery — Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
William F. Hall, Boston, March 8, 1890.	1st lt., batt'y, priv., corp., sgt., 1st sgt., 1st cav., D, priv., quar. mas. sgt., 1st lt., 1st lgt. batt'y, 14 Dec., 1896; res., 17 July, 1898; adj't., 11 July, 1870; res., 29 May, 1871.	11th batt'y, M. V., 1862 to May, 1868.	Boston.	
<i>Second Lieutenant.</i> John E. Brayman, Boston, May 21, 1888.	1st battl. art'y, A, 13 June, 1893; dia., 13 June, 1896; 2d, 30 June, 1896; priv., corp., 1st sgt.	. . . . .	Boston.	
William P. Davis, Cambridge, June 29, 1891.	6th reg't., B, 10 March, 1884; 2d, 11 March, 1887; trans. to batt'y A, 22 April, 1887; 3d, 9 April, 1888; 4th, 19 April, 1889; 5th, 2 June, 1890; 6th, 15 June, 1891.	. . . . .	Cambridge.	

**FIRST BATTALION CAVALRY.**

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Major.</i> Horace G. Kemp, Boston, March 25, 1884.	1st battl. cav., A, 1st, 3 Aug., 1875; 2d, 27 Aug., 1878; sgt., 24 Dec., 1878; 2d lt., 18 Nov., 1879; 1st lt., 24 Jan., 1881; capt., 24 June, 1883.	. . . . .	Cambridgeport.	
<i>Adjutant, rank 1st Lt.</i> Frank L. Locke, Boston, Jan. 14, 1899.	1st battl. cav., D, 4 March, 1895; sgt., 20 June, 1885; sgt. maj., 19 July, 1887.	. . . . .	Boston.	English High; Institute Tech.
<i>Quartermaster, rank 1st Lt.</i> Sullivan B. Newton, Boston, Jan. 31, 1882.	1st battl. cav., A, 24 June, 1873; co. quar. mas. sgt., 30 March, 1874; dia., 24 June, 1876; 2d, 27 Nov., 1877; dia., 27 Nov., 1880; 3d, 21 Dec., 1890; dia., 21 Dec., 1881.	. . . . .	Southborough.	
<i>Surgeon, rank Major.</i> Charles H. Cogswell, Boston, Dec. 8, 1887.	1st battl. cav., asst. surg., 6 July, 1887.	. . . . .	South Bridgewater.	

[illegible]

*First Battalion Cavalry — Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>COMPANY D — Boston.</b> <i>Captain.</i> George F. Henderson, Chelsea, Dec. 23, 1862.	1st regt., H; batt'y B, art'y; 1st battl. cav., D, 1st lt., 12 June, 1863; res., 13 Sept., 1866; 1st lt., 2 March, 1867.	25th Me. vols., H, 10 Sept., 1862, to 11 July, 1863; 61st M. V., H, 5 Jan., 1865; dis., 16 July, 1865; sgt.	Sommerworth, Me.	
<i>First Lieutenant.</i> William A. Ferrins, Boston, Dec. 23, 1862.	1st battl. cav., D, 21 April, 1864; 2d, 21 April, 1867; sd., 6 Feb., 1861; res., 2d lt., 6 March, 1861; res., 21 Nov., 1862.	. . . . .	Birmingham, Eng.	
<i>Second Lieutenant.</i> John Perrins, Jr., Boston, Dec. 23, 1862.	1st battl. cav., D, 25 Aug., 1863; 2d, 27 Sept., 1866; priv., corp., sgt., 1st sgt.	. . . . .	England.	

**FIRST CORPS OF CADETS — Boston.**

<i>Lieutenant Colonel.</i> Thomas F. Edmunds, Boston, Oct. 14, 1873.	4th battl. B (N. E. guards), 1861; adjt., 1st corps cadets, 29 Sept., 1863; maj., 18 March, 1873; lt. col., 14 Oct., 1873; dis., 23 April, 1876; re-elected, 29 April, 1876; com. vacated, 11 Jan., 1882, decision sup. jud. court; re-elected, 13 Jan., 1882.	24th Mass. vols., 2d lt., 2 Sept., 1861; 1st lt., 27 Aug., 1863; adjt., 17 May, 1864; capt., 16 June, 1864; maj., 16 Nov., 1864; lt. col., 7 May, 1865; mus. out, 20 Jan., 1866; brt. col. U. S. vols.	Boston.	
<i>Major.</i> George R. Rogers, Brookline, May 20, 1863.	1st corps cadets, 23 April, 1870; corp., 23 July, 1873; sgt., 12 Nov., 1872; sgt. maj., 27 March, 1873; mus. in, 14 June, 1873; 1st lt., 12 Jan., 1874; capt., 21 Jan., 1876.	44th M. V. M., priv., C, 12 Sept., 1862; dis., 18 June, 1863.	Boston.	

<i>Adjutant, rank 1st Lt.</i> James E. R. Hill, Boston, March 26, 1883.	1st corps cadets, 24 Dec., 1873; corp., 4 March, 1876; 1st sgt., 3 July, 1876; 1st sgt., 8 March, 1877; sgt. maj., 11 July, 1879; 1st lt., 18 July, 1879.	.	.	.	.	.	.	.	.	West Roxbury,	English High.
<i>Quartermaster, rank 1st Lt.</i> Charles C. McChor, Hingham, Feb. 9, 1876.	1st corps cadets, 10 April, 1867; corp., 18 May, 1869; quar. mas. sgt., 1872; mus. in, 14 June, 1873; quar. mas., 9 Feb., 1876; dis., 28 April, 1876; re-app., 29 April, 1876; com. vacated, 11 Jan., 1882; decision sup. jud. court; re-app., 13 Jan., 1882.	Priv., N. H. militia,	.	.	.	.	.	.	.	Portsmouth, N. H.	
<i>Surgeon, rank Major.</i> William L. Richardson, Boston, Nov. 6, 1876.	1st corps cadets, 1 March, 1864; corp., 12 Dec., 1865; hosp. stew., 4 Sept., 1871; surg., 6 Nov., 1875; dis., 28 April, 1876; re-app., 29 April, 1876; com. vacated, 11 Jan., 1882; decision sup. jud. court; re-app., 13 Jan., 1882.	.	.	.	.	.	.	.	.	Boston,	M. D., Harvard, 1867.
<i>Asst. Surgeon, rank 1st Lt.</i> Charles M. Green, Boston, Aug. 3, 1881.	6th regt., F. Aug., 1870; mus. in, 30 July, 1873; trans. to E., 24 July, 1874; 2d lt., 24 Feb., 1875; 1st lt., 24 Jan., 1876; dis., 29 June, 1877; 1st corps cadets, 30 June, 1877; hosp. stew., 5 July, 1877.	.	.	.	.	.	.	.	.	Medford,	Boston Latin; M.D., Harvard, 1877.
<i>Paymaster, rank Captain.</i> Charles E. Stevens, Hingham, Jan. 9, 1874.	1st corps cadets, 7 Aug., 1860; corp., 2 Oct., 1861; sgt., 1862; quar. mas. sgt., 1st lt., quar. mas., 26 Feb., 1863; capt., paymaster, 9 Jan., 1874; dis., 28 April, 1876; re-app., 29 April, 1876; com. vacated, 11 Jan., 1882; decision sup. jud. court; re-app., 13 Jan., 1882.	.	.	.	.	.	.	.	.	Boston.	
<i>Inspector Rifle Practice, rank 1st Lt.</i> William A. Hayes, 2d, Cambridge, Feb. 7, 1889.	1st corps cadets, 20 Aug., 1872; mus. in, 14 June, 1873; corp., 20 June, 1874; sgt., 1 Jan., 1876; dis., 14 June, 1876; 2d, 14 June, 1876; 1st sgt., 3 July, 1878; dis., 14 June, 1879; 3d, 14 June, 1879; sgt. maj., 19 Feb., 1880; dis., 14 June, 1880; 4th, 14 June, 1880; 1st lt., 10 June, 1880.	.	.	.	.	.	.	.	.	Portsmouth, N. H.	
<i>Chaplain.</i> (Vacancy.)											

*First Corps of Cadets — Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service, Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>COMPANY A — Boston.</b>				
<i>Captain.</i> Francis H. Appleton, Peabody, July 19, 1879.	1st corps cadets, 8 Jan., 1870; corp., 12 Dec., 1872; mus. in., 14 Oct., 1873; sgt., 31 Jan., 1874; 1st sgt., sgt. maj., 5 Feb., 1875; 1st lt., 13 July, 1876; adjt., 3 April, 1876; dis., 23 April, 1876; re-app., 23 April, 1876.	.	Boston.	
<i>First Lieutenant.</i> Luther H. Wightman, Boston, Feb. 5, 1889.	1st corps cadets, 2 Sept., 1872; mus. in., 14 June, 1873; corp., 21 May, 1875; sgt., 19 Feb., 1880; 1st sgt., 15 May, 1883; sgt. maj., 12 Sept., 1887.	.	Easton.	
<i>Second Lieutenant.</i> Frank L. Joy, Boston, Jan. 10, 1893.	1st corps cadets, 11 Feb., 1880; corp., 12 Oct., 1880; sgt., 34 March, 1883; 1st sgt., 25 June, 1888; sgt. maj., 22 Dec., 1892.	.	Boston.	English High.
<b>COMPANY B — Boston.</b>				
<i>Captain.</i> William H. Alline, Boston, Aug. 10, 1881.	2d regt., F, 27 March, 1866; sgt., dis., 29 June, 1867; 1st corps cadets, 23 April, 1870; corp., 11 Nov., 1872; mus. in., 14 June, 1873; sgt., 15 Dec., 1873; 1st sgt., 4 March, 1875; sgt. maj., 23 Dec., 1875; 1st lt., 11 April, 1876; adjt., 16 June, 1880.	44th M. V. M., C, 12 Sept., 1893; dis., 18 June, 1893.	Boston.	
<i>First Lieutenant.</i> William B. Clarke, Boston, May 8, 1883.	30th unatt. co., afterwards 2d regt., co. C, priv.; corp., sgt., Sept., 1864, to March, 1867; 1st corps cadets, 17 Jan., 1876; corp., 8 July, 1876; sgt., 27 June, 1878; 1st sgt., 23 April, 1881; sgt. maj., 22 May, 1882.	.	Northampton.	
<i>Second Lieutenant.</i> George B. Ager, Jr., Boston, Feb. 14, 1893.	1st regt., K, 11 Oct., 1882, to 14 Nov., 1883; 2d, 1st corps cadets, 12 June, 1884; corp., 11 Dec., 1884; sgt., 26 June, 1886; 1st sgt., 6 April, 1888; sgt. maj., 13 Jan., 1893.	.	West Roxbury.	Roxbury Latin.

COMPANY C — Boston. <i>Captain.</i> Andrew Robeson, Brookline, June 5, 1883.	1st corps cadets, 22 March, 1876; corp., 3 May, 1877; sgt., 29 July, 1879; 1st sgt., 6 Oct., 1881; 1st lt., 15 March, 1883.	1st N. Y. engineers, 1st lt., 24 May, 1864; capt., Feb., 1865; brt. maj., U. S. V., 13 March, 1866.	Fall River.
	1st corps cadets, 29 April, 1876; corp., 9 July, 1879; sgt., 16 Sept., 1881; 1st sgt., 9 June, 1883; sgt. maj., 8 Feb., 1888.	. . . . .	Boston.
	1st corps cadets, 13 June, 1883; corp., 6 July, 1886; sgt., 16 Oct., 1886; 1st sgt., 22 Dec., 1892; sgt. maj., 17 Feb., 1893.	. . . . .	Boston.
COMPANY D — Boston. <i>Captain.</i> Henry B. Rice, Boston, March 13, 1883.	4th battl. inf., 1861-62; 2d regt. D, 1864; corp., sgt., 2d lt., 29 May, 1866; 1st lt., E, 31 Jan., 1866; dis., 29 June, 1867; 1st corps cadets, 13 Oct., 1868; corp., 19 May, 1869; sgt., 11 Nov., 1872; mus. ln., 14 July, 1873; 1st sgt., 23 Dec., 1875; dis., 14 July, 1876; 2d, 14 July, 1876; 1st lt., 28 June, 1878; adjt., 10 Aug., 1881.	. . . . .	Boston.
	1st corps cadets, 14 Nov., 1874; corp., 22 April, 1876; sgt., 8 July, 1876; dis., 14 Nov., 1877; 2d, 14 Nov., 1877; dis., 14 Nov., 1878; 3d, 14 Nov., 1879; dis., 14 Nov., 1879; 4th, 14 Nov., 1879; sgt. maj., 16 June, 1880; dis., 14 Nov., 1880; 5th, 14 Nov., 1880.	. . . . .	West Roxbury.
	1st light battery, sgt., 15 March, 1864; dis., 30 March, 1865; 2d, 1st lt. Mil. dist. co., 162, 2 Oct., 1866, G. O. No. 17; 3d, 3d battery, capt., 28 Feb., 1868; res., 24 April, 1871; 4th, capt. and engineer, 2d brig., 15 July, 1882; col. and a. i. g., Mass. militia, res., 7 Jan., 1891; 6th, 1st corps cadets, 8 Jan., 1891; dis., 8 Jan., 1892; 6th, 8 Jan., 1892; dis., 8 Jan., 1893; 7th, 8 Jan., 1893; sgt. maj., 20 March, 1893.	11th Mass. batt'y, priv., 25 Aug., 1862; dis., 25 May, 1868.	Boston.
COMPANY D — Boston. <i>First Lieutenant.</i> Thomas B. Ticknor, Boston, Aug. 31, 1881.	1st corps cadets, 22 March, 1876; corp., 3 May, 1877; sgt., 29 July, 1879; 1st sgt., 6 Oct., 1881; 1st lt., 15 March, 1883.	. . . . .	Boston.
	1st corps cadets, 29 April, 1876; corp., 9 July, 1879; sgt., 16 Sept., 1881; 1st sgt., 9 June, 1883; sgt. maj., 8 Feb., 1888.	. . . . .	Boston.
	1st corps cadets, 13 June, 1883; corp., 6 July, 1886; sgt., 16 Oct., 1886; 1st sgt., 22 Dec., 1892; sgt. maj., 17 Feb., 1893.	. . . . .	Boston.
COMPANY D — Boston. <i>Second Lieutenant.</i> Richard D. Sears, Nahant, March 14, 1888.	4th battl. inf., 1861-62; 2d regt. D, 1864; corp., sgt., 2d lt., 29 May, 1866; 1st lt., E, 31 Jan., 1866; dis., 29 June, 1867; 1st corps cadets, 13 Oct., 1868; corp., 19 May, 1869; sgt., 11 Nov., 1872; mus. ln., 14 July, 1873; 1st sgt., 23 Dec., 1875; dis., 14 July, 1876; 2d, 14 July, 1876; 1st lt., 28 June, 1878; adjt., 10 Aug., 1881.	. . . . .	Boston.
	1st corps cadets, 14 Nov., 1874; corp., 22 April, 1876; sgt., 8 July, 1876; dis., 14 Nov., 1877; 2d, 14 Nov., 1877; dis., 14 Nov., 1878; 3d, 14 Nov., 1879; dis., 14 Nov., 1879; 4th, 14 Nov., 1879; sgt. maj., 16 June, 1880; dis., 14 Nov., 1880; 5th, 14 Nov., 1880.	. . . . .	West Roxbury.
	1st light battery, sgt., 15 March, 1864; dis., 30 March, 1865; 2d, 1st lt. Mil. dist. co., 162, 2 Oct., 1866, G. O. No. 17; 3d, 3d battery, capt., 28 Feb., 1868; res., 24 April, 1871; 4th, capt. and engineer, 2d brig., 15 July, 1882; col. and a. i. g., Mass. militia, res., 7 Jan., 1891; 6th, 1st corps cadets, 8 Jan., 1891; dis., 8 Jan., 1892; 6th, 8 Jan., 1892; dis., 8 Jan., 1893; 7th, 8 Jan., 1893; sgt. maj., 20 March, 1893.	11th Mass. batt'y, priv., 25 Aug., 1862; dis., 25 May, 1868.	Boston.
COMPANY D — Boston. <i>Second Lieutenant.</i> Edward E. Currier, Malden, April 11, 1893.	1st corps cadets, 22 March, 1876; corp., 3 May, 1877; sgt., 29 July, 1879; 1st sgt., 6 Oct., 1881; 1st lt., 15 March, 1883.	. . . . .	Boston.
	1st corps cadets, 29 April, 1876; corp., 9 July, 1879; sgt., 16 Sept., 1881; 1st sgt., 9 June, 1883; sgt. maj., 8 Feb., 1888.	. . . . .	Boston.
	1st corps cadets, 13 June, 1883; corp., 6 July, 1886; sgt., 16 Oct., 1886; 1st sgt., 22 Dec., 1892; sgt. maj., 17 Feb., 1893.	. . . . .	Boston.

## SECOND CORPS OF CADETS—Salem.

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Lieutenant Colonel.</i> John W. Hart, Salem, July 6, 1891.	Salem mechanic lgt. Inf., 1868-61; 2d corps cadets, 1st lt., 7 Aug., 1874; capt., 19 May, 1876; com. vacated; 11 Jan., 1882, decision sup. jud. court; re-elected, 18 Jan., 1882; maj., 25 Jan., 1884.	5th M. V. M., A. corp., 1 May, 1861; dis., 31 July, 1861; 1st Mass. Hvy. art'y, L, 1st sgt., 20 Feb., 1864; dis., 21 June, 1866.	Kinderhook, N. Y.	
<i>Major.</i> Samuel A. Johnson, Salem, July 6, 1891.	2d corps cadets, 22 April, 1874; corp., 4 June, 1875; sgt., 16 March, 1877; dis., 22 April, 1877; 2d, 23 April, 1877; 2d lt., 21 May, 1878; 1st lt., 26 April, 1880; capt., 9 July, 1883.	. . . . .	Salem.	
<i>Adjutant, rank 1st Lt.</i> Andrew Fitz, Salem, April 13, 1880.	2d corps cadets, 22 April, 1874; corp., 20 May, 1876; sgt. maj., 12 April, 1877; dis., 22 April, 1877; 2d, 23 April, 1877.	. . . . .	Pepperell.	
<i>Quartermaster, rank 1st Lt.</i> Edward A. Simonds, Salem, July 1, 1868.	2d corps cadets, 1844; 1st lt., 23 Jan., 1865; quar. mas., 1 July, 1868; dis., 28 April, 1876; re-app., 3 May, 1876; com. vacated, 14 March, 1882, decision sup. jud. court; re-app., 14 March, 1882.	2d corps cadets, 1st sgt., 26 May, 1862; dis., 11 Oct., 1862.	Salem.	
<i>Surgeon.</i> Ben. R. Symonds, Jr., Salem, Jan. 18, 1889.	. . . . .	. . . . .	Salem.	
<i>Assistant Surgeon, rank 1st Lt.</i> James E. Simpson, Salem, May 4, 1893.	8th regt., asst. surg., 18 May, 1891; res., 4 May, 1893.	. . . . .	Brewer, Me., .	Harvard, 1890.
<i>Paymaster, rank 1st Lt.</i> Edward A. Maloon, Beverly, April 28, 1883.	2d corps cadets, April, 1864; mus. in, 2 July, 1873; sgt., 4 June, 1875; dis., 2 July, 1876; 2d, 14 July, 1876; 1st sgt., 15 March, 1877; dis., 14 July, 1879; 3d, 25 July, 1879; sgt. maj., 1 June, 1880; 2d lt., 8 Feb., 1882.	. . . . .	Salem.	

<i>Inspector Rifle Practice, rank 1st Lt.</i> Walter H. Merritt, Salem, July 20, 1887.	1st, 6th batt'y; 2d, 2d corps cadets, 19 Feb., 1873; dis., 19 Feb., 1881; 3d, 20 Dec., 1886; priv., corp. and sgt.	.	.	.	.	.	.	.	.	Salem.
<i>Chaplain.</i> Ellery C. Butler, Beverly, Jan. 3, 1881.	8th reg't, chap'a 15 Dec., 1872; dis., 28 April, 1876.	.	.	.	.	.	.	.	.	.
COMPANY A — Salem. <i>Captain.</i> Charles J. Baker, Beverly, July 6, 1891.	2d corps cadets, 2 Sept., 1881; corp., 26 July, 1883; 2d lt., 28 June, 1884; 1st lt., 20 July, 1888.	.	.	.	.	.	.	.	.	Jersey City, N. J.
<i>First Lieutenant.</i> George D. Kimball, Lowell, July 6, 1891.	2d corps cadets, 18 Oct., 1889; 2d, 18 Oct., 1890.	.	.	.	.	.	.	.	.	Lowell.
<i>Second Lieutenant.</i> Charles F. Ropes, Salem, Oct. 12, 1893.	2d corps cadets, 29 Feb., 1884, to 12 Oct., 1893; priv., corp., sgt., 1st sgt., sgt. maj.	.	.	.	.	.	.	.	.	Salem.
COMPANY B — Salem. <i>Captain.</i> Walter F. Peck, Salem, July 1, 1887.	2d corps cadets, 20 Nov., 1873, to 9 July, 1883; priv., corp., sgt., sgt. maj., 2d lt., 14 May, 1883; 1st lt., 9 June, 1888.	.	.	.	.	.	.	.	.	Salem.
<i>First Lieutenant.</i> Rorben W. Ropes, Salem, June 3, 1893.	2d corps cadets, 6 Nov., 1882; dis., 6 Nov., 1885; 2d, 6 Nov., 1885; dis., 6 Nov., 1888; 3d, 6 Nov., 1888; priv., corp., sgt.	.	.	.	.	.	.	.	.	Salem.
<i>Second Lieutenant.</i> P. Frank Packard, Salem, May 23, 1893.	2d corps cadets, 17 Sept., 1886, to 23 May, 1893; priv., corp., sgt., 1st sgt., sgt. maj.	.	.	.	.	.	.	.	.	Charlestown, . Salem High.

*Second Corps of Cadets — Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
COMPANY C — Salem. <i>Captain.</i> (Vacancy.)				
<i>First Lieutenant.</i> Frank S. Horton, Salem, July 20, 1888	2d corps cadets, 1st, 16 Sept., 1880; dis., 16 Sept., 1883; 2d, 21 Sept., 1883; dis., 21 Sept., 1884; 3d, Sept., 1884; dis., Sept., 1885; 4th, Sept., 1885; dis., Sept., 1886; 5th, 20 Sept., 1886; 2d lt., 1 July, 1887.	. . . . .	Ipswich.	
<i>Second Lieutenant.</i> Arthur N. Webb, Salem, July 8, 1883.	2d corps cadets, 29 Feb., 1884, to 8 July, 1883; priv., corp., sgt., sgt. maj.	. . . . .	Salem.	
COMPANY D — Lowell. <i>Captain.</i> (Vacancy.)				
<i>First Lieutenant.</i> John E. Spencer, Salem, April 28, 1893.	2d corps cadets, 16 July, 1890, to 28 April, 1893; corp., sgt., sgt. maj.	. . . . .	Boston.	
<i>Second Lieutenant.</i> George Worthen, Lowell, Oct. 12, 1893.	6th regt., C, 9 Feb., 1891, to 9 Feb., 1884; 2d, 14 April, 1884; 1st lt., 23 March, 1887; res., 10 March, 1891; 3d, 2d corps cadets, 16 April, 1891; priv., corp., sgt., 1st sgt.	15th N. H. vols., E, 14 Aug., 1862; priv., corp., sgt., 1st lt., 18 Oct., 1864; dis., 4 July, 1865; exp. term.	Lowell.	

## NAVAL BRIGADE.

<i>Captain.</i> John C. Soley, Boston, March 20, 1893.	Naval battl., 26 March, 1890; seaman, lt. comdg., 7 May, 1890.	U. S. Naval Academy, 2 Sept., 1892, to June, 1893; ensign, 1893; master, 1899; lt., 1870; retired, 1885.	Roxbury.	U. S. Naval Academy, 4 years.
<i>Commander.</i> Lesh O. Garrett, Boston, March 20, 1893.	Naval battl., ordnance officer, 10 Feb., 1891.	Appointed cadet midshipman, Sept., 1875; midshipman, June, 1881; com. ensign, junior grade, 8 March, 1883; ensign, 26 June, 1884; res., 8 Aug., 1884; 1st lt. Orlando Guards, Florida Vol. Mil., Nov., 1884; res., 1887.	Winfield, Ia.	U. S. Naval Academy, 4 years.
<i>Lieutenant Commander.</i> John W. Weeks, Boston, March 20, 1893.	Naval battl., D, lt. comdg., 25 March, 1890.		Lancaster, N. H.	U. S. Naval Academy.
<i>Ensign.</i> Arthur B. Denny, Brookline, April 22, 1893.	Naval battl., 26 Jan., 1892; chief boatswain's mate, com. ensign, 11 Oct., 1892; lt., junior grade, 28 March, 1893.		Anurndale.	English High, Boston; Boston Latin; Harvard College.
<i>Brigade Adjutant, rank Lieut. (Vacancy.)</i>				
<i>Ordnance Officer, rank Lieut.</i> Henry N. Sweet, Boston, March 22, 1893.	Naval battl., C, 25 March, 1890; seaman, gunner's mate, boatswain's mate; ensign, 23 Jan., 1892; lt., junior grade, 11 Oct., 1892.		Lancaster, N. H.	
<i>Equipment Officer, rank Lieut.</i> Henry H. Carter, March 22, 1893.				
<i>Brigade Paymaster, rank Lieut.</i> George E. Norris, Malden, May 28, 1890.				

*Naval Brigade — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<i>Surgeon, rank Lieut.</i> Thomas Armary DeBlola, Boston, Nov. 13, 1893.	Naval battl., A, seaman, 25 March, 1890; lt. comdg., 7 May, 1890; res., 6 Sept., 1892.	U. S. N., 21 Sept., 1893, to 1 Feb., 1891; midshipman, ensign, master, lt.	Columbus, Ga.,	U. S. Naval Academy, Sept., 1893, to 1898; Medical School, Dartmouth College 1877; Medical Department, University, N. Y., 1878.
<i>Engineer, rank Lieut.</i> Alfred Brooks Frye, Boston, March 22, 1893.	1st corps cadet, 26 Feb., 1892; trans. to A, Naval battl., 1 July, 1892; seaman.			
<i>Signal Officer, rank Lieut., Junior Grade.</i> Hammond V. Hayes, Boston, March 23, 1893.	Naval battl., yeoman, 20 June, 1890.			
<i>Ald rank Lieut., Junior Grade.</i> William S. Bliss, Boston, March 22, 1893.	Naval battl., C, 16 Sept., 1890; trans. to battl. petty staff as yeoman ordnance, 23 Dec., 1891.			
Alpheus S. Hardy, Boston, March 23, 1893.	Naval battl., D, ensign, 25 March, 1890,		Boston,	English High.
<i>Battalion Adjutant, rank Lieut., Junior Grade.</i> Edward Folham Dodd, Boston, March 23, 1893.	1st brig. signal corps, 27 Feb., 1895; dis., 24 June, 1895; 2d Naval battl., C, 4 Oct., 1890; seaman, quar. mss., coxswain, gunner's mate, lt., junior grade, 30 Sept., 1892.		New York, N. Y.	
<i>Battalion Adjutant.</i> Timothy W. Sprague, Boston, June 26, 1893.				

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*Naval Brigade — Continued.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
James H. Dillaway, Jr., Cambridge, April 23, 1893.	1st battl. cav., D, 5 June, 1883, to 5 June, 1886; 2d, 22 June, 1887; trans. to 1st regt., B, 6 Sept., 1887; trans. to N. C. S., 1st battl. cav., guidon agt.; dis., 20 June, 1890; 3d, 22 June, 1890; trans. to Naval battl., B, 20 Feb., 1891; seaman, mate, boatswain's mate; ensign, 31 Jan., 1893.	. . . . .	Cambridge.	
<i>Ensigns.</i> Phillip H. Downes, Jamaica Plain, March 25, 1890.	. . . . .	. . . . .	Dorchester.	Chauncy Hall.
Horace F. Fuller, Boston, April 26, 1893.	Naval brigade, coxswain, 10 Sept., 1890; boatswain's mate, 14 April, 1891.	. . . . .		
<i>COMPANY C.</i> <i>Lieutenant, Chief of Division.</i> William A. Cary, Boston, Jan. 26, 1892.	Naval battl., C, ensign, 25 March, 1890; lt., junior grade, 28 Nov., 1890.	. . . . .	Roxbury.	Roxbury Latin.
<i>Lieutenant, Junior Grade.</i> Alfred H. Bond, Boston, Dec. 1, 1891.	Ensign, 25 Nov., 1890, . . . . .	. . . . .	Roxbury.	
Frank E. Watkeys, Somerville, May 9, 1893.		. . . . .		
<i>Ensigns.</i> James D. Colt, Boston, March 28, 1893.	Naval battl., C, 8 Sept., 1891; seaman, coxswain, gun- ser's mate, boatswain.	. . . . .	Concord, N. H.,	Newton High.
Charles T. Davis, Winthrop, July 13, 1893.		. . . . .		

<p>COMPANY D.</p> <p><i>Lieutenant, Chief of Division.</i> George B. Parsons, Cambridge, March 28, 1893.</p> <p><i>Lieutenant, Junior Grade.</i> George S. Selfridge, Boston, March 28, 1893.</p> <p>(Vacancy.)</p> <p><i>Ensigns.</i> Frank B. Welherbee, Boston, March 28, 1893.</p> <p>Charles T. Hough, Jr., Dor- chester, March 28, 1893.</p>	Naval battl., lt., junior grade, 25 March, 1890,	.	.	.	.	.	.	.	.	Northampton, .	U.S. Naval Acad- emy.
	Naval battl., D, 25 March, 1890,	.	.	.	.	.	.	.	.	Portland, Me.,	U.S. Naval Acad- emy.
	Naval battl., D, 25 March, 1890, to 25 March, 1893; 2d, 28 March, 1893; gunner's mate.	.	.	.	.	.	.	.	.	Jamaica Plain,	Boston School Regiment.
	Naval battl., C, 25 March, 1890; seaman, gunner and boatswain's mate; ensign, 1 Dec., 1891.	.	.	.	.	.	.	.	.	Boston, . . .	English High; Inst. Technol- ogy.
<p>COMPANY E.</p> <p><i>Lieutenant, Chief of Division.</i> Henry D. Sears, Lynn, Sept. 30, 1892.</p> <p><i>Lieutenant, Junior Grade.</i> Francis O. Blackwell, Lynn, Sept. 30, 1892.</p> <p>Marquis von Loesecke, Lynn, June 30, 1893.</p>	.	.	.	.	.	.	.	.	.	New York, N. Y.	Royal School of Cadets, Ger- many; Black College, Ger- many.
	Naval battl., ensign, 30 Sept., 1892, . . .	3d Infantry, Kingdom of Saxony, Ger- many, 2d lt., voluntarily discharged.	.	.	.	.	.	.	.	Luebeck, Germany,	
	Naval battl., E, 30 Sept., 1892; seaman, boatswain's mate.	.	.	.	.	.	.	.	.	New York, N. Y.	
<p><i>Ensign.</i> Frederick C. Whitman, Lynn, June 30, 1890.</p> <p>(Vacancy.)</p>											

*Naval Brigade—Concluded.*

NAME, ADDRESS, RANK, AND DATE OF COMMISSION.	Original Entry into the Service. Subsequent Service and Commissions.	Service of other States, and of United States.	Born.	Received Military or Medical Instruction.
<b>COMPANY F.</b>				
<i>Lieutenant, Chief of Division.</i> John D. Munroe, Fall River, Sept. 30, 1891.	Priv., corp., sgt., co. M, 1st regt., 11 Dec., 1878, to 24 April, 1883; 2d lt., 24 April, 1883; 1st lt., 5 Feb., 1889.	.	Prince Edward Island.	
<i>Lieutenants, Junior Grade.</i> William B. Edgar, Fall River, Sept. 30, 1892.	1st regt., M, 6 Nov., 1879; 2d, 6 Nov., 1882; 3d, 25 Nov., 1884; 4th, 1 Dec., 1886; dis., 19 April, 1886; priv., corp., sgt.	.	Fall River.	
Nathan Durfee, Fall River, Sept. 30, 1892.	Naval battl., C, 7 Oct., 1890; seaman, quar. mas., coxswain.	.	Fall River.	Institute Technology.
<i>Ensigns.</i> Richard P. Borden, Fall River, Sept. 30, 1892.	.	.	Fall River.	Institute Technology.
Winford C. Witherell, Fall River, Sept. 30, 1892.	.	.	Fall River.	
<b>COMPANY G.</b>				
<i>Lieutenant, Chief of Division.</i> Homer W. Hervey, New Bedford, Dec. 21, 1892.	.	.	New Bedford.	
<i>Lieutenants, Junior Grade.</i> George N. Gardiner, New Bedford, Nov. 28, 1892.	.	.	New Bedford.	New Bedford High.
A. Ernest Thomas, New Bedford, Nov. 28, 1892.	.	.	New Bedford.	New Bedford High; Institute Technology.

<i>Ensigns.</i>	Fairhaven High.
Frederick R. Finch, New Bedford, Nov. 28, 1892.	
Albert R. Pierce, New Bedford, April 6, 1893.	
<b>COMPANY H.</b>	
<i>Lieutenant, Chief of Division.</i> Jenness K. Dexter, Springfield, March 6, 1893.	
<i>Lieutenants, Junior Grade.</i> Henry S. Crossman, Springfield, March 6, 1893. Fred H. Weston, Springfield, March 6, 1893.	
<i>Ensigns:</i> William O. Condu, Springfield, March 6, 1893. Walter S. Barr, Springfield, March 6, 1893.	

## ROSTER.

### COMMISSIONED OFFICERS IN ORDER OF LINEAL RANK.

#### *Commander-in-Chief and Staff.*

NAME AND RANK.	Date of Commission.	Staff.
<i>Governor and Commander-in-Chief.</i>		
WILLIAM E. RUSSELL, . . . . .	Jan. 8, 1891.	
<i>Staff Officers.</i>		
Dalton, Samuel, Major General, . . . . .	Jan. 3, 1884,	Adjutant General.
Kittredge, Thomas, Brigadier General, . . . . .	8, 1891,	Surgeon General.
Taylor, Charles H., Brigadier General, . . . . .	8, 1891,	Commissary General.
Peabody, Francis, Jr., Brigadier General, . . . . .	July 11, 1892,	Judge Advocate Gen.
Cutting, Walter, Colonel, . . . . .	Jan. 8, 1891,	Aide-de-Camp.
Donahoe, Michael T., Colonel, . . . . .	8, 1891,	Aide-de-Camp.
Borden, Spencer, Colonel, . . . . .	8, 1891,	Aide-de-Camp.
Vincent D. Howard, Colonel, . . . . .	July 11, 1892,	Aide-de-Camp.
Chase, William L., Colonel, . . . . .	Jan. 8, 1891,	Insp. Gen. Rifle Prac.
Keeler, George A., Colonel, . . . . .	2, 1890,	Asst. Insp. General.
Andrews, Henry D., Colonel, . . . . .	8, 1891,	Asst. Insp. General.
King, Frederick G., Colonel, . . . . .	13, 1892,	Asst. Insp. General.
Carter, James L., Colonel, . . . . .	13, 1892,	Asst. Insp. General.
Delaney, James E., Colonel, . . . . .	8, 1891,	Asst. Adjt. General.
Gaston, William A., Colonel, . . . . .	8, 1891,	Asst. Adjt. General.
Cunningham, John H., . . . . .	8, 1891,	Asst. Adjt. General.
Russell, Henry E., Colonel, . . . . .	8, 1891,	Asst. Adjt. General.
Wheelright, John T., Colonel, . . . . .	July 11, 1892,	Asst. Adjt. General.
Thayer, John E., Colonel, . . . . .	Jan. 8, 1891,	Asst. Q. M. General.
Carmichael, James H., Colonel, . . . . .	8, 1891,	Asst. Q. M. General.
Verry, Horace B., Colonel, . . . . .	8, 1891,	Asst. Q. M. General.
Parker, Percy, Colonel, . . . . .	May 25, 1893,	Asst. Q. M. General.

#### *Brigadiers General and Staff.*

No.	NAME AND RANK.	Date of Commission.	Brigade.	Staff.
<i>Brigadiers General.</i>				
1	Peach, Benjamin F., Jr., . . . . .	Feb. 18, 1882,	2d,	
2	Bridges, Benjamin F., . . . . .	Jan. 5, 1889,	1st.	
<i>Staff Officers.</i>				
1	Fry, Charles C., Lieut. Colonel, . . . . .	Mar. 4, 1882,	2d,	Asst. Adjt. Gen.
2	Parker, Bowdoin S., Lieut. Colonel, . . . . .	Jan. 23, 1889,	1st,	Asst. Adjt. Gen.
3	Burrell, Herbert L., Lieut. Colonel, . . . . .	Feb. 20, 1889,	1st,	Med. Director.
4	Hersey, Freeman C., Lieut. Colonel, . . . . .	Apr. 13, 1891,	2d,	Med. Director.

*Brigadiers General and Staff—Concluded.*

No.	NAME AND RANK.	Date of Commission.	Brigade.	Staff.
1	Hinman, Charles W., Major, .	Aug. 24, 1887,	1st,	Ast. Insp. Gen.
2	Briggs, Frank H., Major, . .	Jan. 2, 1890,	1st,	Rifle Practice. Ast. Insp. Gen.
3	Hall, Aaron A., Major, . .	April 13, 1891,	2d,	Ast. Insp. Gen.
1	George, Elijah, Captain, . .	Aug. 12, 1882,	2d,	Judge Advocate.
2	Lambert, William T., Captain, .	Jan. 15, 1884,	2d,	Aide-de-Camp.
3	Thompson, Newell A., Captain, .	May 25, 1886,	2d,	Aide-de-Camp.
4	Cordis, Thomas F., Captain, .	Feb. 21, 1889,	1st,	Aide-de-Camp.
5	Hayden, Charles L., Captain, .	21, 1889,	1st,	Brigade Q. M.
6	Dewey, Henry S., Captain, .	25, 1889,	1st,	Judge Advocate.
7	Lyford, Charles D., Captain, .	Mar. 15, 1889,	1st,	Prov. Marshal.
8	Lathrop, Joseph H., Captain, .	Jan. 22, 1890,	1st,	Aide-de-Camp.
9	Little, Philip, Captain, . .	May 1, 1891,	2d,	Engineer.
10	Bridges, Corril E., Captain, .	14, 1891,	1st,	Engineer.
11	Dexter, Gordon, . . . .	Mar. 30, 1893,	1st,	Prov. Marshal.
12	Rantoul, Augustus N., . . .	30, 1893,	2d,	Brigade Q. M.
13	Hunneman, John A., 1st Lieut.,	Feb. 26, 1891,	1st,	Signal Officer.
14	Sprague, Henry W., 1st Lieut.,	April 20, 1891,	2d,	Signal Officer.
15	Standish, Myles, 1st Lieut., .	May 19, 1893,	1st,	Amb. Officer.
16	Clark, Arthur W., 1st Lieut., .	19, 1893,	2d,	Amb. Officer.

*Field and Staff Officers of Infantry.*

No.	NAME AND RANK.	Date of Commission.	Regiment.
<i>Colonels.</i>			
1	Bancroft, Wm. A., . . . .	Feb. 7, 1882,	5th Regiment.
2	Mathews, Thomas R., . . . .	Dec. 10, 1888,	1st Regiment.
3	Clark, Embury P., . . . .	Feb. 2, 1889,	2d Regiment.
4	Parsons, Henry, . . . .	Mar. 24, 1890,	6th Regiment.
5	Bogan, Fred. B., . . . .	Jan. 3, 1893,	9th Regiment.
6	Dodge, Charles L., . . . .	Oct. 6, 1893,	8th Regiment.
<i>Lieutenant Colonels.</i>			
1	Edmands, Thomas F., . . . .	Oct. 14, 1873,	1st Corps Cadets.
2	Frost, G. Frank, . . . .	Jan. 20, 1889,	5th Regiment.
3	Logan, Lawrence J., . . . .	Nov. 6, 1889,	9th Regiment.
4	Woodward, Charles F., . . . .	Mar. 24, 1890,	6th Regiment.
5	Hovey, Charles L., . . . .	Mar. 5, 1891,	1st Regiment.
6	Hart, John W., . . . .	July 6, 1891,	2d Corps Cadets.
7	Brackett, Eben T., . . . .	Oct. 6, 1893,	8th Regiment.
8	Shumway, Edwin R., . . . .	Nov. 3, 1893,	2d Regiment.
<i>Majors.</i>			
1	Grady, Patrick J., . . . .	April 8, 1881,	9th Regiment.
2	Rogers, George R., . . . .	May 29, 1883,	1st Corps Cadets.
3	Whitney, Jophanus H., . . . .	April 18, 1884,	5th Regiment.
4	Chaffin, George H., . . . .	May 16, 1884,	6th Regiment.
5	Bridges, Pharcellus D., . . . .	May 3, 1888,	2d Regiment.
6	Ward, Windsor M., . . . .	June 15, 1888,	8th Regiment.
7	Donovan, William H., . . . .	June 27, 1888,	9th Regiment.
8	Benyon, George H., . . . .	July 21, 1888,	5th Regiment.

*Field and Staff Officers of Infantry—Continued.*

No.	NAME AND RANK.	Date of Commission.	Regiment.
<i>Majors—Concluded.</i>			
9	Oakes, William H., . . . . .	Jan. 30, 1889,	5th Regiment.
10	Southmayd, Frederick G., . . . . .	Feb. 2, 1889,	2d Regiment.
11	Pew, William A., Jr., . . . . .	June 10, 1890,	8th Regiment.
12	Taylor, George H., . . . . .	July 2, 1890,	6th Regiment.
13	Morgan, Richard H., . . . . .	May 5, 1891,	1st Regiment.
14	Dyar, Perlie A., . . . . .	5, 1891,	1st Regiment.
15	Johnson, Samuel A., . . . . .	July 6, 1891,	2d Corps Cadets.
16	O'Connor, Michael J., . . . . .	Mar. 30, 1892,	9th Regiment.
17	Darling, Charles K., . . . . .	April 4, 1893,	6th Regiment.
18	Pfaff, Charles, . . . . .	May 18, 1893,	1st Regiment.
19	Bailey, Edward W. M., . . . . .	Oct. 6, 1893,	8th Regiment.
20	Whipple, Reuben A., . . . . .	Nov. 3, 1893,	2d Regiment.
<i>Adjutants.</i>			
1	Fitz, Andrew, . . . . .	April 13, 1880,	2d Corps Cadets.
2	Hill, J. Edward R., . . . . .	Mar. 26, 1883,	1st Corps Cadets.
3	Ballard, Harry P., . . . . .	Oct. 18, 1888,	5th Regiment.
4	Lancaster, John E., . . . . .	April 5, 1889,	2d Regiment.
5	Frye, James A., . . . . .	May 9, 1891,	1st Regiment.
6	Kelley, Joseph J., . . . . .	April 16, 1892,	9th Regiment.
7	Weil, George L., . . . . .	27, 1892,	8th Regiment.
8	Soutter, James T., . . . . .	12, 1893,	6th Regiment.
<i>Quartermasters.</i>			
1	Simonds, Edward A., . . . . .	July 1, 1868,	2d Corps Cadets.
2	Melcher, Charles C., . . . . .	Feb. 9, 1875,	1st Corps Cadets.
3	Colson, Charles D., . . . . .	July 16, 1881,	2d Regiment.
4	Barnes, Frederick P., . . . . .	Feb. 20, 1882,	5th Regiment.
5	Page, Ambrose M., . . . . .	Mar. 30, 1882,	6th Regiment.
6	Nugent, James H., . . . . .	July 16, 1883,	9th Regiment.
7	Woodman, Charles B., . . . . .	Jan. 10, 1889,	1st Regiment.
8	Stickney, George A. D., . . . . .	Nov. 16, 1893,	8th Regiment.
<i>Surgeons.</i>			
1	Richardson, William L., . . . . .	Nov. 6, 1875,	1st Corps Cadets.
2	Clark, David, . . . . .	Aug. 25, 1876,	2d Regiment.
3	Marion, Otis H., . . . . .	April 18, 1883,	1st Regiment.
4	Rice, Charles H., . . . . .	Dec. 27, 1884,	6th Regiment.
5	Devine, William H., . . . . .	May 1, 1888,	9th Regiment.
6	Symonds, Benjamin R., Jr., . . . . .	Jan. 18, 1889,	2d Corps Cadets.
7	Foster, Charles C., . . . . .	Mar. 22, 1889,	5th Regiment.
<i>Assistant Surgeons.</i>			
1	Brown, Orland J., . . . . .	Sept. 20, 1878,	2d Regiment.
2	Green, Charles M., . . . . .	Aug. 3, 1881,	1st Corps Cadets.
3	Dearing, Howard S., . . . . .	April 1, 1887,	1st Regiment.
4	O'Callaghan, Dennis F., . . . . .	June 15, 1888,	9th Regiment.
5	Chase, H. Lincoln, . . . . .	July 25, 1889,	5th Regiment.
6	Porter, Omer P., . . . . .	April 5, 1890,	6th Regiment.
7	Simpson, James E., . . . . .	May 4, 1893,	2d Corps Cadets.
<i>Paymaster—Captain.</i>			
1	Stevens, Charles E., . . . . .	Jan. 9, 1874,	1st Corps Cadets.
<i>Paymasters—First Lieutenants.</i>			
2	Maloon, Edward A., . . . . .	April 28, 1883,	2d Corps Cadets.
3	Parker, Horace B., . . . . .	May 26, 1886,	1st Regiment.
4	Warren, Albert C., . . . . .	Dec. 27, 1889,	5th Regiment.
5	Tucker, Edward G., . . . . .	May 14, 1890,	6th Regiment.
6	Dobbins, Henry, . . . . .	Feb. 12, 1891,	9th Regiment.
7	Edson, Archibald C., . . . . .	Mar. 19, 1892,	2d Regiment.
8	Moody, Edward G., . . . . .	Nov. 15, 1893,	8th Regiment.

*Field and Staff Officers of Infantry—Concluded.*

No.	NAME AND RANK.	Date of Commission.	Regiment.
<i>Inspectors of Rifle Practice—First Lieutenants.</i>			
1	Bumstead, Sylvester S., . . . .	April 26, 1886,	2d Regiment.
2	Edes, Robert B., . . . .	Aug. 17, 1886,	5th Regiment.
3	Merritt, Walter H., . . . .	July 29, 1887,	2d Corps Cadets.
4	Breen, John, . . . .	June 21, 1888,	9th Regiment.
5	Hayes, William A., 2d, . . . .	Feb. 7, 1889,	1st Corps Cadets.
6	Hall, George F., . . . .	Nov. 8, 1889,	1st Regiment.
7	Cook, Charles F., . . . .	Dec. 17, 1892,	8th Regiment.
8	Jones, James William, . . . .	Aug. 3, 1893,	6th Regiment.
<i>Chaplains.</i>			
1	Butler, Ellery C., . . . .	Jan. 3, 1881,	2d Corps Cadets.
2	Barrows, Samuel J., . . . .	Oct. 5, 1882,	5th Regiment.
3	Savage, Minot J., . . . .	29, 1883,	1st Regiment.
4	Lee, James, . . . .	July 1, 1884,	9th Regiment.
5	Dusscault, William F., . . . .	May 14, 1890,	6th Regiment.
6	Welwood, George C., . . . .	9, 1891,	2d Regiment.
7	Sanders, George D., . . . .	21, 1891,	8th Regiment.

*Line Officers of Infantry.*

No.	NAME AND RANK.	Date of Commission.	Co.	Regiment.
<i>Captains.</i>				
1	Brale, Sierra L., . . . .	Dec. 17, 1878,	M,	1st Regiment.
2	Appleton, Francis H., . . . .	July 19, 1879,	A,	1st Corps Cadets.
3	Brown, Charles W., . . . .	June 7, 1881,	D,	2d Regiment.
4	Alline, Wm. H., . . . .	Aug. 10, 1881,	B,	1st Corps Cadets.
5	Rice, Henry B., . . . .	Mar. 13, 1883,	D,	1st Corps Cadets.
6	Robeson, Andrew, . . . .	June 5, 1883,	C,	1st Corps Cadets.
7	Cutter, Frank E., . . . .	May 5, 1886,	I,	6th Regiment.
8	Staples, Herbert F., . . . .	3, 1886,	H,	8th Regiment.
9	Regan, William, . . . .	10, 1887,	G,	9th Regiment.
10	Frothingham, Joseph H., . . . .	27, 1887,	D,	1st Regiment.
11	Peck, Walter F., . . . .	July 1, 1887,	B,	2d Corps Cadets.
12	Mossman, Adelbert M., . . . .	Nov. 16, 1887,	M,	5th Regiment.
13	Goff, William H., . . . .	18, 1887,	I,	5th Regiment.
14	Morrison, Walter E., . . . .	21, 1887,	K,	5th Regiment.
15	Leonard, John J., . . . .	Mar. 8, 1888,	G,	2d Regiment.
16	Williamson, Charles, . . . .	19, 1888,	I,	1st Regiment.
17	Murray, Geo. F. H., . . . .	May 1, 1888,	B,	9th Regiment.
18	Condy, William A., . . . .	July 18, 1888,	A,	2d Regiment.
19	Osgood, Charles W., . . . .	20, 1888,	C,	2d Corps Cadets.
20	Murray, Freeman, . . . .	Jan. 2, 1889,	D,	8th Regiment.
21	McDonald, Henry, . . . .	11, 1889,	B,	2d Regiment.
22	Henderson, Thomas C., . . . .	Jan. 11, 1889,	E,	5th Regiment.
23	Thayer, Edgar G., . . . .	May 2, 1889,	K,	2d Regiment.
24	Fennessey, Jeremiah G., . . . .	Aug. 1, 1889,	E,	9th Regiment.
25	Danforth, Norris O., . . . .	Sept. 16, 1889,	F,	1st Regiment.
26	Keefe, Daniel J., . . . .	17, 1889,	A,	9th Regiment.
27	Hayes, John J., . . . .	Feb. 11, 1890,	H,	9th Regiment.
28	Joubert, Joseph H., . . . .	May 6, 1890,	F,	9th Regiment.

*Line Officers of Infantry—Continued.*

No.	NAME AND RANK.	Date of Commission.	Co.	Regiment.
<i>Captains—Concluded.</i>				
29	Magurn, Frank T. L., . . . . .	May 12, 1890,	D,	9th Regiment.
30	O'Rielly, Richard P., . . . . .	June 30, 1890,	G,	8th Regiment.
31	Edgell, Charles N., . . . . .	Sept. 16, 1890,	F,	2d Regiment.
32	Bridges, Marcellus D., . . . . .	Oct. 7, 1890,	H,	2d Regiment.
33	Stover, Willis W., . . . . .	Nov. 17, 1890,	A,	5th Regiment.
34	McConnell, James E., . . . . .	Dec. 1, 1890,	D,	6th Regiment.
35	Sweetser, Stanwood G., . . . . .	29, 1890,	H,	6th Regiment.
36	Pierce, Frederick E., . . . . .	Jan. 16, 1891,	L,	2d Regiment.
37	Chick, Albert B., . . . . .	Feb. 4, 1891,	G,	1st Regiment.
38	Perry, Arthur E., . . . . .	Mar. 23, 1891,	E,	1st Regiment.
39	Shaughnessey, William F., . . . . .	23, 1891,	K,	9th Regiment.
40	Damon, Frank C., . . . . .	April 7, 1891,	K,	8th Regiment.
41	Whiting, Fred. M., . . . . .	15, 1891,	L,	1st Regiment.
42	Williams, William J., . . . . .	20, 1891,	L,	6th Regiment.
43	Clement, Murray D., . . . . .	May 11, 1891,	F,	5th Regiment.
44	Mitten, Anthony D., . . . . .	June 11, 1891,	M,	9th Regiment.
45	Baker, Charles J., . . . . .	July 6, 1891,	-	2d Corps Cadets.
46	Quinby, George F., . . . . .	Aug. 10, 1891,	K,	1st Regiment.
47	Locke, Elmore E., . . . . .	21, 1891,	L,	5th Regiment.
48	Fairbanks, Harry B., . . . . .	25, 1891,	C,	2d Regiment.
49	Parsons, Horace M., . . . . .	Oct. 21, 1891,	M,	8th Regiment.
50	Priest, George H., . . . . .	Mar. 18, 1892,	B,	6th Regiment.
51	Atkins, Henry W., . . . . .	April 11, 1892,	C,	1st Regiment.
52	Flanders, Chester M., . . . . .	May 2, 1892,	H,	1st Regiment.
53	Butler, Willard C., . . . . .	16, 1892,	D,	5th Regiment.
54	Dowd, Lewis A., . . . . .	16, 1892,	I,	9th Regiment.
55	Meredith, Francis, Jr., . . . . .	July 16, 1892,	H,	5th Regiment.
56	Gilman, John H., . . . . .	Aug. 1, 1892,	A,	8th Regiment.
57	Carr, Edward B., . . . . .	24, 1892,	G,	6th Regiment.
58	Scott, David C., . . . . .	Oct. 17, 1892,	C,	5th Regiment.
59	Larock, Joseph C., . . . . .	17, 1892,	G,	6th Regiment.
60	Williams, Henry L., . . . . .	Dec. 13, 1892,	I,	2d Regiment.
61	Gihon, Edward J., . . . . .	Jan. 2, 1893,	A,	6th Regiment.
62	Miller, Frank E., . . . . .	23, 1893,	E,	6th Regiment.
63	Lombard, Walter E., . . . . .	23, 1893,	B,	1st Regiment.
64	Goodell, Ulysses A., . . . . .	Mar. 10, 1893,	K,	6th Regiment.
65	Dow, William C., . . . . .	14, 1893,	F,	8th Regiment.
66	Coan, Frank A., . . . . .	16, 1893,	L,	8th Regiment.
67	Stopford, William, . . . . .	April 10, 1893,	E,	8th Regiment.
68	Whitney, Horace E., . . . . .	22, 1893,	M,	6th Regiment.
69	Barber, Phillip I., . . . . .	May 11, 1893,	E,	2d Regiment.
70	Nowell, John P., . . . . .	June 21, 1893,	A,	1st Regiment.
71	Graves, Frank A., . . . . .	July 3, 1893,	C,	8th Regiment.
72	Quinlan, Thomas F., . . . . .	6, 1893,	C,	9th Regiment.
73	Mason, Edward E., . . . . .	10, 1893,	B,	5th Regiment.
74	Cousens, George N. B., . . . . .	Nov. 7, 1893,	I,	8th Regiment.
75	Prince, Arthur D., . . . . .	11, 1893,	C,	6th Regiment.
76	Tuttle, Allison E., . . . . .	13, 1893,	B,	8th Regiment.
77	Morris, Michael E., . . . . .	27, 1893,	L,	9th Regiment.
78	Devlin, George A., . . . . .	Dec. 18, 1893,	F,	6th Regiment.
79	Jones, Ezra N., . . . . .	18, 1893,	M,	2d Regiment.
<i>First Lieutenants.</i>				
1	Ticknor, Thomas B., . . . . .	Aug. 31, 1881,	D,	1st Corps Cadets.
2	Clarke, William B., . . . . .	May 8, 1883,	B,	1st Corps Cadets.
3	King, Patrick F., . . . . .	1, 1888,	B,	9th Regiment.
4	Tisdell, Moses H., . . . . .	July 18, 1888,	A,	2d Regiment.
5	Horton, Frank S., . . . . .	20, 1888,	C,	2d Corps Cadets.
6	Tolman, William S., . . . . .	Dec. 10, 1888,	A,	5th Regiment.
7	Goodridge, Henry B., . . . . .	Jan. 2, 1889,	D,	8th Regiment.
8	Wightman, Luther H., . . . . .	Feb. 5, 1889,	A,	1st Corps Cadets.
9	Bouvé, Walter L., . . . . .	19, 1889,	C,	1st Corps Cadets.

*Line Officers of Infantry—Continued.*

No.	NAME AND RANK.	Date of Commission.	Co.	Regiment.
<i>First Lieutenants—Continued.</i>				
10	Ropes, Reuben W., . . . . .	June 3, 1889,	-	2d Corps Cadets.
11	Sullivan, John J., . . . . .	Aug. 1, 1889,	E,	9th Regiment.
12	Smith, John R., . . . . .	Sept. 11, 1889,	H,	1st Regiment.
13	McNamara, John F., . . . . .	Nov. 18, 1889,	D,	6th Regiment.
14	Flanigan, Benjamin J., . . . . .	Feb. 11, 1890,	H,	9th Regiment.
15	Thayer, Willard A., . . . . .	April 11, 1890,	K,	2d Regiment.
16	Sands, Patrick A., . . . . .	May 6, 1890,	F,	9th Regiment.
17	Crane, Henry, . . . . .	12, 1890,	C,	9th Regiment.
18	Kincaide, Henry L., . . . . .	June 9, 1890,	K,	5th Regiment.
19	Crawley, William J., Jr., . . . . .	30, 1890,	G,	8th Regiment.
20	Fowler, Albert A., . . . . .	Sept. 16, 1890,	F,	2d Regiment.
21	Childs, Arthur G., . . . . .	Oct. 7, 1890,	H,	2d Regiment.
22	Green, Fred G., . . . . .	Dec. 29, 1890,	H,	6th Regiment.
23	Gragg, Herbert M., . . . . .	Jan. 12, 1891,	F,	5th Regiment.
24	Tuttle, Samuel H., . . . . .	20, 1891,	I,	6th Regiment.
25	Vickery, George J., . . . . .	Feb. 4, 1891,	G,	1st Regiment.
26	Crotty, David M., . . . . .	5, 1891,	D,	9th Regiment.
27	Wescott, John U., . . . . .	Mar. 23, 1891,	E,	5th Regiment.
28	Cannon, Peter J., . . . . .	23, 1891,	K,	9th Regiment.
29	Train, Edgar R., . . . . .	April 8, 1891,	D,	2d Regiment.
30	Lake, Charles H., . . . . .	15, 1891,	L,	1st Regiment.
31	Jackson, William H., . . . . .	20, 1891,	L,	6th Regiment.
32	Nostrom, Charles F., . . . . .	May 11, 1891,	C,	1st Regiment.
33	Phillips, William S., . . . . .	18, 1891,	B,	5th Regiment.
34	Ganley, John, . . . . .	June 11, 1891,	M,	9th Regiment.
35	Kimball, George D., . . . . .	July 6, 1891,	-	2d Corps Cadets.
36	Howes, Frederic S., . . . . .	Aug. 10, 1891,	K,	1st Regiment.
37	Rider, Phineas L., . . . . .	25, 1891,	C,	2d Regiment.
38	Keenan, John S., . . . . .	Sept. 14, 1891,	D,	1st Regiment.
39	Day, John E., . . . . .	21, 1891,	B,	1st Regiment.
40	Pope, Abner P., . . . . .	Dec. 14, 1891,	E,	1st Regiment.
41	Hayes, William C., . . . . .	Feb. 1, 1892,	G,	2d Regiment.
42	Mann, James H., . . . . .	8, 1892,	L,	5th Regiment.
43	Moulton, Horatio D., . . . . .	Mar. 18, 1892,	B,	6th Regiment.
44	Field, Charles H., . . . . .	April 8, 1892,	L,	2d Regiment.
45	French, Fred U., . . . . .	11, 1892,	K,	8th Regiment.
46	Clark, Herbert A., . . . . .	25, 1892,	I,	5th Regiment.
47	Harlow, Arthur W., . . . . .	May 16, 1892,	D,	5th Regiment.
48	Dunn, John H., . . . . .	16, 1892,	I,	9th Regiment.
49	McDonald, Fred, . . . . .	July 16, 1892,	H,	5th Regiment.
50	Fairweather, William, . . . . .	Aug. 24, 1892,	G,	6th Regiment.
51	Cordingly, Roby S., . . . . .	Oct. 17, 1892,	C,	5th Regiment.
52	Fuller, David, . . . . .	Nov. 22, 1892,	M,	1st Regiment.
53	Wyer, Edwin F., . . . . .	Dec. 12, 1892,	G,	5th Regiment.
54	Southwick, Robert E., . . . . .	13, 1892,	I,	2d Regiment.
55	Flanders, Philip J., . . . . .	Jan. 2, 1893,	A,	6th Regiment.
56	Phillips, Ferdinand H., . . . . .	Feb. 20, 1893,	F,	1st Regiment.
57	Higgins, Andrew M., . . . . .	Mar. 10, 1893,	K,	6th Regiment.
58	Mace, Wilmot U., . . . . .	14, 1893,	F,	8th Regiment.
59	Forbes, James, . . . . .	16, 1893,	L,	8th Regiment.
60	Preston, Joseph W., . . . . .	April 10, 1893,	E,	8th Regiment.
61	Spencer, John E., . . . . .	28, 1893,	-	2d Corps Cadets.
62	Farley, Joseph B., . . . . .	May 11, 1893,	E,	2d Regiment.
63	Moynihan, Jeremiah, . . . . .	June 12, 1893,	G,	9th Regiment.
64	Fitzgerald, Patrick A., . . . . .	19, 1893,	H,	8th Regiment.
65	Paine, Sumner, . . . . .	21, 1893,	A,	1st Regiment.
66	Higgins, John E., . . . . .	26, 1893,	B,	8th Regiment.
67	Snow, Charles H., . . . . .	July 3, 1893,	C,	8th Regiment.
68	Rogers, George M., . . . . .	10, 1893,	A,	9th Regiment.
69	Fales, Harold E., . . . . .	10, 1893,	M,	6th Regiment.
70	Hamilton, Clifford E., . . . . .	Aug. 7, 1893,	I,	5th Regiment.
71	Prest, William M., . . . . .	Nov. 6, 1893,	M,	5th Regiment.

*Line Officers of Infantry—Continued.*

No.	NAME AND RANK.	Date of Commission.	Co.	Regiment.
<i>First Lieutenants—Concluded.</i>				
72	Gove, Enoch, . . . . .	Nov. 7, 1893,	I,	8th Regiment.
73	Richardson, Harry T. B., . . . . .	11, 1893,	C,	6th Regiment.
74	Murphy, Daniel J., . . . . .	27, 1893,	L,	9th Regiment.
75	Whitten, Herbert W., . . . . .	27, 1893,	M,	8th Regiment.
76	Valentine, Frederic P., . . . . .	Dec. 11, 1893,	E,	6th Regiment.
77	Chamberlain, Harold B., . . . . .	18, 1893,	F,	6th Regiment.
78	Hicks, Herbert O., . . . . .	18, 1893,	M,	2d Regiment.
<i>Second Lieutenants.</i>				
1	Barrett, Edwin G., . . . . .	July 18, 1888,	A,	2d Regiment.
2	Turner, William H., . . . . .	Sept. 17, 1888,	L,	6th Regiment.
3	Hilliker, Charles T., . . . . .	Jan. 2, 1889,	D,	8th Regiment.
4	Sterling, John A., . . . . .	11, 1889,	B,	2d Regiment.
5	Desmond, Michael J., . . . . .	June 20, 1890,	B,	9th Regiment.
6	Bolles, Herbert H., . . . . .	Sept. 16, 1890,	F,	2d Regiment.
7	Cook, Cyrus H., . . . . .	Jan. 28, 1891,	I,	6th Regiment.
8	Carey, John B., Jr., . . . . .	Feb. 5, 1891,	D,	9th Regiment.
9	Verge, Joseph A., . . . . .	6, 1891,	G,	1st Regiment.
10	Boles, Michael S., . . . . .	13, 1891,	F,	9th Regiment.
11	Bridges, Eugene T., . . . . .	Mar. 14, 1891,	H,	2d Regiment.
12	Gallagher, John B., . . . . .	23, 1891,	K,	9th Regiment.
13	Blaisues, John P., . . . . .	April 8, 1891,	D,	2d Regiment.
14	Nutter, Charles P., . . . . .	May 11, 1891,	C,	1st Regiment.
15	Chapman, Herbert L., . . . . .	Aug. 10, 1891,	K,	1st Regiment.
16	Gilman, William L., . . . . .	25, 1891,	C,	2d Regiment.
17	Dana, James W., . . . . .	Sept. 14, 1891,	D,	1st Regiment.
18	Underwood, Marshall, . . . . .	21, 1891,	B,	1st Regiment.
19	Marshall, George L., . . . . .	Oct. 12, 1891,	M,	8th Regiment.
20	Morgan, Roger, . . . . .	Feb. 1, 1892,	G,	2d Regiment.
21	Cutting, Frank F., . . . . .	8, 1892,	L,	5th Regiment.
22	West, Ernest F., . . . . .	Mar. 7, 1892,	H,	6th Regiment.
23	Hathaway, Thos. S., . . . . .	14, 1892,	E,	1st Regiment.
24	Colburn, David W., . . . . .	18, 1892,	B,	6th Regiment.
25	Sykes, George H., . . . . .	April 25, 1892,	I,	5th Regiment.
26	Felton, Frederick B., . . . . .	May 6, 1892,	L,	2d Regiment.
27	Benson, Frank N., . . . . .	9, 1892,	K,	5th Regiment.
28	Casey, William J., . . . . .	16, 1892,	I,	9th Regiment.
29	Chase, A. Preston, . . . . .	16, 1892,	K,	8th Regiment.
30	Pratt, Walter L., . . . . .	June 6, 1892,	H,	1st Regiment.
31	Dunton, Edward A., . . . . .	13, 1892,	D,	5th Regiment.
32	Horton, George E., . . . . .	20, 1892,	A,	1st Regiment.
33	Gilson, Henry G., . . . . .	Aug. 11, 1892,	H,	5th Regiment.
34	Howard, George S., . . . . .	24, 1892,	G,	6th Regiment.
35	Scott, J. Albert, . . . . .	Nov. 14, 1892,	C,	5th Regiment.
36	Perkins, Alexander G., . . . . .	18, 1892,	A,	8th Regiment.
37	Borden, Walter F., . . . . .	22, 1892,	M,	1st Regiment.
38	Wade, William W., . . . . .	Dec. 12, 1892,	G,	5th Regiment.
39	Lowe, George H., . . . . .	12, 1892,	E,	6th Regiment.
40	Allen, George P., . . . . .	13, 1892,	I,	2d Regiment.
41	Driscoll, John J., . . . . .	21, 1892,	D,	6th Regiment.
42	Walton, Charles E., . . . . .	Jan. 2, 1893,	A,	6th Regiment.
43	Joy, Frank L., . . . . .	10, 1893,	-	1st Corps Cadets.
44	Ager, George B., . . . . .	Feb. 14, 1893,	-	1st Corps Cadets.
45	Paine, Sumner, . . . . .	15, 1893,	A,	1st Regiment.
46	Meek, William J., . . . . .	20, 1893,	F,	1st Regiment.
47	Bronseau, Henry L., . . . . .	Mar. 10, 1893,	K,	6th Regiment.
48	Sears, Richard D., . . . . .	14, 1893,	-	1st Corps Cadets.
49	Lawless, Thomas J., Jr., . . . . .	16, 1893,	L,	8th Regiment.
50	Currier, Edward E., . . . . .	April 11, 1893,	-	1st Corps Cadets.
51	Rogers, Charles E., . . . . .	22, 1893,	K,	2d Regiment.
52	McNulty, Philip, . . . . .	May 4, 1893,	M,	9th Regiment.
53	Whiting, William E., . . . . .	8, 1893,	F,	5th Regiment.

*Line Officers of Infantry—Concluded.*

No.	NAME AND RANK.	Date of Commission.	Co.	Regiment.
<i>Second Lieutenants—Concluded.</i>				
54	Hosmer, Frank P., . . . .	May 11, 1893,	E,	2d Regiment.
55	Crowley, Thomas F., . . . .	9, 1893,	F,	8th Regiment.
56	Noyes, Francis C., . . . .	9, 1893,	G,	8th Regiment.
57	Packard, P. Frank, . . . .	23, 1893,	-	2d Corps Cadets.
58	Purbeck, Dudley B., . . . .	June 19, 1893,	H,	8th Regiment.
59	Bray, Rowland W., . . . .	22, 1893,	A,	5th Regiment.
60	Tuttle, Allison E., . . . .	26, 1893,	B,	8th Regiment.
61	Reed, Charles F., . . . .	30, 1893,	M,	5th Regiment.
62	Webb, Arthur W., . . . .	July 8, 1893,	-	2d Corps Cadets.
63	Moulton, Henry A., . . . .	7, 1893,	E,	8th Regiment.
64	Sullivan, Timothy J., . . . .	10, 1893,	A,	9th Regiment.
65	Facey, Charles W., . . . .	10, 1893,	B,	5th Regiment.
66	Church, Horace R., . . . .	10, 1893,	M,	6th Regiment.
67	Hines, Mathew E., . . . .	22, 1893,	G,	9th Regiment.
68	Slee, Charles A., . . . .	Sept. 11, 1893,	C,	8th Regiment.
69	Ropes, Charles F., . . . .	Oct. 12, 1893,	-	2d Corps Cadets.
70	Worthen, George E., . . . .	12, 1893,	-	2d Corps Cadets.
71	Hodgdon, Charles E., . . . .	Nov. 7, 1893,	I,	8th Regiment.
72	Connealey, Philip, . . . .	27, 1893,	L,	9th Regiment.
73	Blake, Walter F., . . . .	Dec. 11, 1893,	E,	6th Regiment.
74	Simmons, George E., . . . .	18, 1893,	M,	2d Regiment.

*Field, Staff and Line Officers of Artillery.*

NAME AND RANK.	Date of Commission.	Co.	
<i>Major.</i>			
Duchesney, Lawrence N., . . . .	May 19, 1893,	-	1st Battalion.
<i>Adjutant.</i>			
Merrill, Winfield G., . . . .	Dec. 3, 1890,	-	1st Battalion.
<i>Quartermaster.</i>			
Hennessey, William H, . . . .	May 24, 1893,	-	1st Battalion.
<i>Surgeon.</i>			
Johnson, Frank M., . . . .	July 17, 1889,	-	1st Battalion.
<i>Assistant Surgeons.</i>			
Galloupe, Charles W., . . . .	Sept. 13, 1893,	A,	Unattached.
<i>Veterinary Surgeon.</i>			
Osgood, Frederic H., . . . .	April 5, 1893,	-	1st Battalion.
<i>Paymaster.</i>			
Clapp, Henry B., . . . .	May 24, 1893,	-	1st Battalion.
<i>Captains.</i>			
Follett, Dexter H., . . . .	Dec. 23, 1885,	A,	Unattached.
Bigelow, Lawrence G., . . . .	Mar. 11, 1891,	B,	1st Battalion.
Stedman, William L., . . . .	May 24, 1893,	C,	1st Battalion.
<i>First Lieutenants.</i>			
Sanborn, George A., . . . .	Oct. 14, 1887,	C,	1st Battalion.
Ruddick, William H., . . . .	June 7, 1887,	A,	Unattached.
Bruso, Joseph, Jr., . . . .	Sept. 24, 1888,	B,	1st Battalion.
Hall, William F., . . . .	Mar. 3, 1890,	A,	Unattached.
Haynes, Herbert W., . . . .	April 1, 1892,	B,	1st Battalion.
Sargent, Charles F., . . . .	May 24, 1893,	C,	1st Battalion.
<i>Second Lieutenants.</i>			
Brayman, John E., . . . .	May 21, 1888,	A,	Unattached.
Davis, William F., . . . .	June 29, 1891,	A,	Unattached.
Kelley, George D., . . . .	April 1, 1892,	B,	1st Battalion.
Gould, William T., . . . .	1, 1892,	B,	1st Battalion.
Walworth, William B., . . . .	Feb. 1, 1893,	B,	1st Battalion.
Goldsmith, George H, . . . .	May 24, 1893,	C,	1st Battalion.
Powell, John S., . . . .	24, 1893,	C,	1st Battalion.

*Field, Staff and Line Officers of Cavalry.*

NAME AND RANK.	Date of Commission.	Co.	
<i>Major.</i>			
Kemp, Horace G., . . . . .	Mar. 25, 1884,	-	1st Battalion.
<i>Adjutant.</i>			
Locke, Frank L., . . . . .	Jan. 14, 1889,	-	1st Battalion.
<i>Quartermaster.</i>			
Newton, Sullivan B., . . . . .	Jan. 31, 1882,	-	1st Battalion.
<i>Surgeon.</i>			
Cogswell, Charles H., . . . . .	Dec. 8, 1887,	-	1st Battalion.
<i>Assistant Surgeons.</i>			
Howard, Amasa, . . . . .	Feb. 19, 1889,	F,	Unattached.
Millet, Charles S., . . . . .	May 17, 1890,	-	1st Battalion.
<i>Veterinary Surgeon.</i>			
Peters, Austin, . . . . .	June 29, 1891,	-	1st Battalion.
<i>Paymaster.</i>			
Pierce, James W., . . . . .	April 5, 1887,	-	1st Battalion.
<i>Inspector Rifle Practice.</i>			
Litchfield, Horace D., . . . . .	June 27, 1893,	-	1st Battalion.
<i>Chaplain.</i>			
Rider, William H., . . . . .	April 15, 1884,	-	1st Battalion.
<i>Captains.</i>			
Henderson, George F., . . . . .	Dec. 26, 1892,	D,	1st Battalion.
Emerson, Daniel K., . . . . .	Feb. 21, 1893,	A,	1st Battalion.
Shaw, Elisha H., . . . . .	Sept. 16, 1893,	F,	Unattached.
<i>First Lieutenants.</i>			
Perrin, Wm. A., . . . . .	Dec. 26, 1892,	D,	1st Battalion.
Jones, Oscar A., . . . . .	Feb. 21, 1893,	A,	1st Battalion.
Leighton, Amos R., . . . . .	Sept. 16, 1893,	F,	Unattached.
<i>Second Lieutenants.</i>			
Perrin, John, Jr., . . . . .	Dec. 26, 1892,	D,	1st Battalion.
Young, Doris A., . . . . .	Feb. 21, 1893,	A,	1st Battalion.
Quigley, William J., . . . . .	Sept. 16, 1893,	F,	Unattached.

*Field, Staff and Line Officers of Naval Brigade.*

NAME AND RANK.	Date of Commission.	Co.	
<i>Captain.</i> Soley, John C., . . . . .	Mar. 20, 1893,	-	Brigade.
<i>Commander.</i> Garrett, Legh Osborne, . . . . .	Mar. 20, 1893,	-	Brigade.
<i>Lieutenant Commander.</i> Weeks, John W., . . . . .	Mar. 20, 1893,	-	1st Battalion.
Denney, Arthur B., . . . . .	Apr. 22, 1893,	-	2d Battalion.
<i>Adjutant, rank Lieutenant.</i> (Vacancy.)			
<i>Ordnance Officer, rank Lieutenant.</i> Sweet, Henry N., . . . . .	Mar. 22, 1893,	-	Brigade.
<i>Equipment Officer, rank Lieutenant.</i> Carter, Henry H., . . . . .	Mar. 22, 1893,	-	Brigade.
<i>Paymaster, rank Lieutenant.</i> Norris, George E., . . . . .	Mar. 22, 1893,	-	Brigade.
<i>Surgeon, rank Lieutenant.</i> DeBlols, Thomas Amory, . . . . .	Nov. 18, 1893,	-	Brigade.
<i>Engineer, rank Lieutenant.</i> Frye, Alfred B., . . . . .	Mar. 22, 1893,	-	Brigade.
<i>Signal Officer, rank Lieutenant, Junior Grade.</i> Hayes, Hammond V., . . . . .	Mar. 23, 1893,	-	Brigade.
<i>Aid, rank Lieutenant, Junior Grade.</i> Bliss, William S., . . . . .	Mar. 22, 1893,	-	Brigade.
Hardy, Alpheus S., . . . . .	Mar. 22, 1893,	-	Brigade.
<i>Adjutant, rank Lieutenant, Junior Grade.</i> Dodd, Edward Pelham, . . . . .	Mar. 22, 1893,	-	1st Battalion.
Sprague, Timothy W., . . . . .	June 26, 1893,	-	2d Battalion.
<i>Assistant Surgeon, rank Lieutenant, Junior Grade.</i> Allen, Gardner W., . . . . .	Mar. 22, 1893,	-	1st Battalion.
Abbe, Edward H., . . . . .	Oct. 19, 1893,	-	2d Battalion.
<i>Lieutenants, Chief of Division.</i> Paul, William M., . . . . .	Mar. 25, 1890,	B,	1st Battalion.
Cary, William A., . . . . .	Jan. 26, 1892,	C,	1st Battalion.
Lawrence, John, . . . . .	Sept. 21, 1892,	A,	1st Battalion.
Munroe, John D., . . . . .	Sept. 30, 1892,	F,	2d Battalion.

*Field, Staff and Line Officers of Naval Brigade — Concluded.*

NAME AND RANK.	Date of Commission.	Co.	
<i>Lieutenants, Chief of Division — Concluded.</i>			
Sears, Henry D., . . . . .	Sept. 30, 1892,	E,	2d Battalion.
Hervey, Homer W., . . . . .	Dec. 21, 1892,	G,	2d Battalion.
Dexter, Jenness K., . . . . .	Mar. 6, 1893,	H,	2d Battalion.
Parsons, Frank B., . . . . .	28, 1893,	D,	1st Battalion.
<i>Lieutenants, Junior Grade.</i>			
Brigham, Charles H., . . . . .	Mar. 25, 1890,	B,	1st Battalion.
Bond, Alfred H., . . . . .	Dec. 1, 1891,	C,	1st Battalion.
Clapp, Theo. H., . . . . .	Sept. 21, 1892,	A,	1st Battalion.
Edgar, William B., . . . . .	30, 1892,	F,	2d Battalion.
Blackwell, Francis O., . . . . .	30, 1892,	E,	2d Battalion.
Durfee, Nathan, . . . . .	Sept. 30, 1892,	F,	2d Battalion.
Gardiner, George N., . . . . .	Nov. 28, 1892,	G,	2d Battalion.
Thomas, A. Ernest, . . . . .	28, 1892,	G,	2d Battalion.
Crossman, Henry S., . . . . .	Mar. 6, 1893,	H,	2d Battalion.
Weston, Fred. H., . . . . .	6, 1893,	H,	2d Battalion.
Selfredge, George S., . . . . .	28, 1893,	D,	1st Battalion.
Dillaway, James H., Jr., . . . . .	April 25, 1893,	B,	1st Battalion.
Watkeys, Frank E., . . . . .	May 9, 1893,	C,	1st Battalion.
Von Loescke, Magnus F. S., . . . . .	June 30, 1893,	E,	2d Battalion.
White, Edgar T., . . . . .	Nov. 21, 1893,	A,	1st Battalion.
<i>Ensigns.</i>			
Downes, Philip H., . . . . .	Mar. 25, 1890,	B,	1st Battalion.
Cushing, Louis T., . . . . .	Sept. 21, 1892,	A,	1st Battalion.
Bulkley, Joseph N., . . . . .	30, 1892,	E,	2d Battalion.
Borden, Richard P., . . . . .	30, 1892,	F,	2d Battalion.
Witherell, Winford C., . . . . .	30, 1892,	F,	2d Battalion.
Fish, Frederick R., . . . . .	Nov. 28, 1892,	G,	2d Battalion.
Cohn, William O., . . . . .	Mar. 6, 1893,	H,	2d Battalion.
Barr, Walter S., . . . . .	6, 1893,	H,	2d Battalion.
Colt, James T., . . . . .	28, 1893,	C,	1st Battalion.
Witherbee, Frank B., . . . . .	28, 1893,	D,	1st Battalion.
Hough, Charles T., Jr., . . . . .	28, 1893,	D,	1st Battalion.
Pierce, Albert R., . . . . .	April 5, 1893,	G,	2d Battalion.
Fuller, Horace F., . . . . .	25, 1893,	B,	1st Battalion.
Whitmore, Frederick C., . . . . .	June 30, 1893,	E,	2d Battalion.
Davis, Charles T., . . . . .	July 18, 1893,	C,	1st Battalion.
Moseley, Charles B., . . . . .	Nov. 21, 1893,	A,	1st Battalion.

1894.

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Col. WILLIAM M. BUNTING, . . . of Boston.  
Col. EVERETT C. BENTON, . . . of Belmont.

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